CATALOGUE

OF THE

COLEOPTERA

OF

AMERICA, NORTH OF MEXICO

BY

CHARLES W. LENG, B.Sc.

Director

Museum, Staten Island Institute of Arts and Sciences

Research Associate

American Museum of Natural History

Mount Vernon, N. Y.

John D. Sherman, Jr.

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SAMUEL HENSHAW

IN GRATEFUL RECOGNITION OF THE SERVICE TO COLEOPTERISTS OF THAT LIST OF THE COLEOPTERA WHICH FOR THIRTY-FIVE YEARS HAS BEEN THE INDISPENSABLE AND ACCURATE GUIDE FOR ALL STUDENTS OF THE NORTH AMERICAN SPECIES

PREFACE

The aim of this catalogue is to enumerate systematically all the species of Coleoptera described prior to January 1, 1919, which occur in America, north of Mexico, Greenland included; with consecutive numbers, synonyms, citation of original description, and an indication of distribution. An effort has been made to arrange the species in genera, tribes, families, superfamilies and series, in accordance with the most recent works on classification; an explanation of the difficulty of doing so in a satisfactory manner follows this preface. No attempt has been made to determine the validity of the numerous specific names proposed by recent authors. Numbered names indicate species described and unquestioned in print. A letter, a, b, etc., following the numeral indicates variety, subspecies, race, etc. Names proposed by one author and disputed by another, are usually unnumbered, but are sometimes treated as varieties. Synonyms are always unnumbered, but the reader must guard against regarding unnumbered names as being invariably synonyms, for they often represent forms which, to their authors, seemed worthy of a name.

The names of authors are usually abbreviated to the first three or four letters of their names; the few cases which are differently treated are explained below in the list of signs and abbreviations used. Authors' names are usually in parenthesis if the species was originally described in a different genus; the correct placing of the parenthesis involved reference to many books and is not entirely complete.

The citations are indicated by figures following the author's name; the first two are the final figures of the year in which the description was published; the remainder, separated by a hyphen, give the page on which the description occurs. In conjunction with the chronological list of each author's papers at the end of the book, the citation is thus given in the most condensed form possible.

The distribution is indicated by the usual geographical abbreviations (explained below) for the localities given in original descriptions and in various faunal lists. Intermediate localities have usually been omitted to save space, but particular care has been taken to include references to the extremities of the area covered, e. g., Newfoundland, Alaska,

N. W. Wyom.	Northwest Wyoming	s. str.	sensu strictu, in a restricted sense
n. m.	nomen mutatum, name changed (when preoccupied)	s. g.	subgenus
		Sask.	Saskatchewan
n. sp.	new species	Schffr.	Schaeffer
Neb. Nebr.	Nebraska	Schp.	Schaupp.
Nev.	Nevada	Shas.	Shasta
Newn.	Newman	Sib.	Siberia
Nfld.	Newfoundland	Sier.	Sierra
No. N. Y.	Northern N. Y.	So. Ariz.	Southern Arizona
No. Ill.	Northern Illinois	So. Cal.	Southern California
N. Y.	New York	So. Fla.	Southern Florida
O.	Ohio	So. St.	Southern States
O. Sz.	Otto Schwarz	Sz.	E. A. Schwarz
Okla.	Oklahoma	Tenn.	Tennessee
Ont.	Ontario	Tex.	Texas
Or. or Oreg.	Oregon	Tul.	Tulare
Pa.	Pennsylvania	Tuol.	Tuolumne
Pac. St.	Pacific States	U. S.	United States
Plac.	Placer	Ut.	Utah
Plum.	Plumas	Va.	Virginia
Q. Char. Is.	Queen Charlotte Island	Vanc.	Vancouver
Que.	Quebec	Vt.	Vermont
R. I.	Rhode Island	W. Can.	Western Canada
Russ. Am.	Russian America	W. H.	Walther Horn
S. Am.	South America	W. I.	West Indies
S. C.	South Carolina	W. Kan.	Western Kansas
S. D.	South Dakota	W. St.	Western States
S. F.	San Francisco	W. Va.	West Virginia
S. I.	Staten Island, N. Y.	Wash.	Washington
S. St.	South States	Wis.	Wisconsin
S. W. Utah	Southwest Utah	Wy.	Wyoming

List of Errata

While this book was being printed the following errors and oversights were discovered, too late, however, for correction. As other errors doubtless remain undiscovered, and as it will be a convenience to coleopterists to have them all made known through a single publication, it is requested at the suggestion of Mr. Schwarz, that those who publish further corrections will do so in the Journal of the New York Entomological Society.

Insert on:

p. 49. (*Leja* Meg.) = Bembidion
(*Omala* Motsch.) = Bembidion

p. 53. (*Lymnæum* Steph. ‡) for Lymneops laticeps (Lec.)

p. 55. (*Argutor* Meg. ‡) for certain Pterostichini
(*Steropus* Meg. ‡) for certain Pterostichini

p. 60. (*Acrodon* Zimm.) = Celia

p. 91. (*Corylophus* Leach ‡) for certain Orthoperidæ

p. 95. (*Coryphium* Steph. ‡) for Ephelinus

p. 98. (*Tesnus* Rey) = Stenus

p. 110. For Tricopsenini read Trichopsenini

p. 111. (*Boletobius* ‡) = Bolitobius (original spelling is Bolitobius)

p. 115. (*Ecitogaster* ‡) for certain Myrmedoniini

p. 133. (*Microsporidæ*) = Sphæriidæ

p. 141. (*Lychnuris* Motsch.) = Lucidota

p. 145. (*Malachidæ*) = Melyridæ

p. 165. For *Adetus* read *Aderus*
The genus Adetus was erected by Leconte 52–161 for a longhorn, analis Hald. supposed then to occur in Pennsylvania but since dropped from our list as not North American.

p. 174. (*Crepidotritus* Lec.) = Anchastus

p. 190. (*Thaumatoglossa* ‡) = Thaumaglossa, which is original spelling

p. 202. (*Cryptophagistes* Cr.) = Cryptophagus

p. 226. For **TENEBRIONINAE** read **SCAURINAE**
For Blaptini read Blaptinae
These changes should be made before using the book, as the subfamily name Tenebrioninæ appears twice by error.

p. 239. (*Mystaxis* ‡) = Mystaxus, which is original spelling

p. 268. (*Phlyctanodini*?) tribe to which Casey doubtfully assigned Malthophia oculata

p. 282. *Sternidius* Lec. = Liopus

p. 284. Add **Diaxenes** Waterh. 84–128
15097½. dendrobii Gahan 94–250 † D.C.
This species has been found in orchid houses at Washington, D. C., see Schwarz, 04–21

p. 287. *Orsodachna* = Orsodacne, which is original spelling

p. 304. No. 16137 — localities given apply to cyanea
No. 16144 — the (N. Y.?) locality belongs to flaveola
the So. Cal. locality is doubtful
No. 16157 — bisignata (Boh.) should follow aurisplendens

p. 06. Rhynchophora begin with Brentidæ

p. 317. (*Plinthus* Germ), ‡ for Paraplinthus

p. 318. (*Hilipus*, ‡) for Heilipus, which is original spelling

p. 393. For pp. 59–06 in footnote read 59–60
Further corrections will be published, as discovered by us, in the Journal of the New York Entomological Society.

It is the hope and intention of the author and the publisher to consolidate all such corrections and publish them in separate form, together with a list of the species described since 1918 and their bibliography, at the end of a five year period.

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Chart of Families, Tribes, etc. . . . . opposite page 24

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EXPLANATION OF SEQUENCE OF FAMILIES

American students of Coleoptera have been accustomed for 35 years to the Leconte system of classification, first proposed by Dr. Leconte in 1861,[1] and completed by him and Dr. Horn in 1883.[2] This system was followed in the Henshaw Check List in 1885, in Smith's "List of the Insects of New Jersey," in Blatchley's "Beetles of Indiana" and in many other books and papers; no doubt a great many collections, public and private, are also arranged in accordance with its sequence of families, tribes and genera.

Meanwhile the Leconte system has been under investigation here and in Europe and each investigator has proposed some alleged improvement. Some of these improvements have been accepted as such by subsequent authors, some have been the subject of more or less dispute. All, as far as a great part of American literature indicates, have been practically disregarded here, where Dr. Leconte's system has apparently been treated by many coleopterists as a finality, to be serenely followed despite all criticism.

Whether this course, undoubtedly convenient, should be continued in this Check List, or some more recent system should be adopted as the basis of its arrangement, has caused me to compare carefully the changes proposed by Sharp, Lameere, Kolbe, Ganglbauer, Gahan, Verhoeff and Sharp and Muir. Unfortunately such comparison discloses a lack of agreement on many points between these critics of Leconte. If, therefore, any departure from Leconte's system be made, it must be after study of the conflicting arguments that have been brought forward and by personal decision as to their respective merits.

Since these arguments relate principally to questions of phylogeny, necessarily a matter of theory and deduction, though larval studies also play an important part, I have found such decision difficult to reach and present the results that follow with much fear that many errors are included, but with the hope that they may be useful in making better known the work of recent investigators of the classification.

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[1] Classification of the Coleoptera of North America. Prepared for the Smithsonian Institution by John L. Leconte, M. D., Part 1. Washington: May, 1861–March, 1862.

[2] Classification of the Coleoptera of North America. Prepared for the Smithsonian Institution by John L. Leconte and George H. Horn. Washington, 1883.

As a preliminary matter it may be well to recall that the classification of the Coleoptera has been frequently altered. In our own country the following catalogues have appeared:

F. V. Melsheimer	1806
F. E. Melsheimer	1853
J. L. Leconte	1863
G. R. Crotch	1873 and E. P. Austin, Supplement, 1880.
Samuel Henshaw	1885 and Supplement, 1895.

There is no agreement in the sequence of families in these American catalogues, nor do they agree with those published abroad, which also differ among themselves. The reason is that each is based upon a different stage in the ever-changing system of classification.

Systems formerly in Use

The earliest system employing binomial nomenclature is of course that of Linné's, ed. X, 1758. In that work, the beetles (with a few insects no longer considered beetles) are divided into three groups, according to the form of the antennæ, "clavatis," "filiformibus" and "setaceis."

Many other attempts (among which Latreille's recognition of the different forms of the outer maxillary lobe, by which he separated what he called beetles with six palpi from those with four palpi, is noteworthy) led up to the system developed by Latreille, Erichson, Lacordaire, Duval and other great coleopterists. This system was in use when Dr. Leconte began his studies; it had then long held sway and has profoundly influenced him and all the writers on Coleoptera even to this day. It attempts to classify beetles primarily by the number of their tarsal joints, thus:

PENTAMERA — beetles with all the tarsi 5-jointed.
TETRAMERA — " " " " " 4 "
TRIMERA — " " " " " 3 "
HETEROMERA — " " front and middle tarsi 5-jointed, hind tarsi 4-jointed.

The existence of minute joints, difficult to see but actually present, necessitated the use of terms like pseudotetramera and cryptotetramera. Such a classification, unless qualified by many exceptions, leads to the most unnatural aggregations and is now practically discarded, except that Heteromera are retained by many modern authors as a natural series.[1] I believe that it is an unfortunate retention,

[1] The families (or part of them) usually included in Heteromera may truly constitute a natural series, but, if so, it cannot be safely defined by the heteromerous tarsi.

though Dr. Gahan describes the suggestion that they are not really a natural series as "heresy," [1] for, if the definition were strictly applied, the series would include *Hydroporus* among water beetles, many Silphids and Staphylinids, and many Clavicorns, as well as the Tenebrionid-like beetles, for which it was intended. Even in that restricted sense, the heteromerous tarsi do not afford a good definition, as may be noted in comparing Tetratomini and Triphyllini, formerly far apart, now united by Casey,[2] or *Ababa* and *Othnius*, considered allies by that author, though *Ababa* was later shown to be a Clerid by Schaeffer.[3] Heteromerous tarsi are in fact found in so many groups that the character cannot safely be used to define a primary division or to found a natural series. Nevertheless the reader will note as the more recent systems are explained how their authors have clung to the tarsal system and especially to the heteromerous division.

Leconte System

The great merit of the Leconte system is the primary use of many other characters drawn from the sutures, palpi, abdominal segments and antennæ, guided throughout by Dr. Leconte's wonderful instinct, which led him so nearly right that few changes in his system, out of the many that have been proposed, meet with general approval. He was, however, bound to be influenced by his early studies and the ideas thereby derived from his illustrious predecessors, such influence, as it seems to me, showing in his divisions Isomera and Heteromera, based upon the formerly used tarsal characters. He divided beetles into:

I. COLEOPTERA GENUINA:	— double gular suture and flexible palpi.
1. ISOMERA:	— all the tarsi of same number of joints.
a. ADEPHAGA	— first visible abdominal segment divided.
b. CLAVICORNIA	— clavate antennæ.
c. SERRICORNIA	— serrate antennæ.
d. LAMELLICORNIA	— lamellate antennæ.
e. PHYTOPHAGA	— 4-jointed tarsi
2. HETEROMERA	— heteromerous tarsi.
II. RHYNCHOPHORA	— single gular suture and rigid palpi.

This is the system in general use in America. The objections that have been urged against it are that the tarsal character can only be used with exceptions, that Clavicornia and Serricornia merge one into the

[1] The Entomologist, December, 1911, p. 395.
[2] Journ. N. Y. Ent. Soc. VIII, 1900, p. 167.
[3] Journ. N. Y. Ent. Soc. XXV, 1917, p. 133.

other by transitional forms, that Lamellicornia deserve more exalted rank and Rhynchophora less, that Phytophaga and Rhynchophora are closely related and should not be separated by Heteromera, and that Adephaga are more entitled to sub-ordinal rank than any other division. While these objections may all be valid, no one has yet offered a better system in the form of a complete classification. The improvements suggested and substantially approved include two series:

PALPICORNIA for Hydrophilidæ, etc., with palpi longer than antennæ.
STAPHYLINOIDEA for a series of families mostly with short elytra and with three or more dorsal abdominal segments corneous.

Except for a change in the position of the Phalacridæ, these series do not alter materially the sequence of families as arranged by Leconte, they only supply names for groups of families in his series Clavicornia. Other series that have been proposed have not met with such substantial approval and will be discussed later. Clear cut definitions for them are more or less difficult to find.

Sharp System

Dr. Sharp's system [1] was published 16 years after Leconte's and much that had been developed in the interval, especially in larval studies is admirably treated and illustrated by him. His great knowledge of the Coleoptera of the whole world and his knowledge of the entire class of Insecta make his opinions worthy of the highest respect. His classification is:

LAMELLICORNIA — 5-jointed tarsi — antennæ lamellate.
ADEPHAGA — 5-jointed tarsi — maxillæ with outer lobe palpiform.
POLYMORPHA — tarsi variable — antennæ serrate or clavate.
HETEROMERA — tarsi heteromerous.
PHYTOPHAGA — tarsi 4-jointed.
RHYNCHOPHORA — head with a beak, gular suture single, palpi usually not evident.

Here the isolation of the Lamellicornia is better shown, the Clavicornia and Serricornia are consolidated into a series embracing in Sharp's words "a large number of forms still unclassified," though "a large part of them belong to four great families (Staphylinidæ, Buprestidæ, Elateridæ, Malacodermidæ) which are easily recognizable." Such was the state of the classification in 1909 (or 1899, if the date of the first edition is used) with tarsal characters still prominent.

Neither Leconte's nor Sharp's classification professes to be phylo-

[1] Cambridge Natural History, VI, 1909. Insects, by David Sharp, M. A., M. B., F. R. S.

genetic; the position assigned Lamellicornia by Sharp does not mean that he considered them lowest in the phylogenetic scale, but simply so distinct from other beetles as to require a special place, while the position given them by Leconte was avowedly simply a matter of convenience.

Phylogenetic Systems

The phylogenetic systems seek to arrange the families and series so that the more primitive beetles shall precede the more derivative; in such systems certain characters are assumed to indicate a stage in the progressive modification of the Coleoptera, rather than a relationship.

Taking the tarsi as an example, a primitive beetle is assumed to have had tarsi composed of five equal, elongate, unmodified joints, as in a generalized sort of insect. Tarsi in which by fusion some of the five joints are shortened, or modified, might have been derived from the simple 5-jointed tarsi; further progressive modification might have reduced the number on one leg to four, producing the heteromerous condition; still further modification might have produced the 4-jointed tarsus, or even three, or two, or one. All such modified tarsi would indicate a greater or less degree of derivation or specialization.

The same theory may be and has been applied to many parts, external and internal, of the body and its appendages. Sometimes the modification, perhaps under the influence of special environment, has been apparently rapid in certain directions, while in others it has stood nearly stationary. In such cases it may be possible to build up series of families showing progressive modifications in various directions, but each united as a series by the possession in common of those characters which have been scarcely modified. But the results may, and indeed have, varied greatly, according to the value attached to the various characters as indices of phylogenetic rank.

The first serious attempt to do this is by Auguste Lameere, the great Belgian coleopterist, in 1900[1]). His first results were corrected in 1903[2]) and give the following classification, based primarily on the venation of the hind wings:

CARABIFORMIA — hind wings with cross-veins connecting longitudinal veins.
STAPHYLINIFORMIA — hind wings without cross-veins connecting longitudinal veins
CANTHARIFORMIA — hind wings with longitudinal veins hooked or recurrent.

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[1] Notes pour la classification des Coleoptères (Ann. Soc. Ent. Belg. XLIV, 1900).
[2] Nouvelles Notes pour la classification des Coleoptères (Ann. Soc. Ent. Belg. XLVII, 1903).

The Canthariformia were divided into following series; defined only by the list of families included.

TERIDILIA
MALACODERMATA
STERNOXIA
MACRODACTYLIA
BRACHYMERA
PALPICORNIA
CLAVICORNIA
PHYTOPHAGA
HETEROMERA
LAMELLICORNIA

Lameere's Carabiformia is equivalent to the Adephaga of other authors and it is noteworthy that he considers the genus *Omophron*, as did Kolbe in 1880, as a sub-family leading from Carabidæ to Haliplidæ, in which I am glad to follow him. Of the groups he separated in Canthariformia, many, sometimes in a modified form, have met with much approval. Kolbe for instance, adopts Malacodermata, Palpicornia and Sternoxia; Gahan also considers Malacodermata a natural group and he says that Teridilia, composed of Lymexylidæ, Lyctidæ, Ptinidæ, Anobiidæ and Bostrichidæ would be a fairly natural one. Dr. Gahan's general attitude, however, is in his language "finding serious difficulties in accepting the groups proposed either by Lameere or by Kolbe" and published in 1911[1]), after much *pro* and *con* had been written, fairly reflects the conservative opinion of Lameere's work.

But if not entirely acceptable, Lameere's work certainly stirred up other authors. The most voluminous was Ludwig Ganglbauer, custos in Hof-Museum in Vienna, and author of the unfinished "Käfer von Mitteleuropa." His system, unfortunately never entirely worked out, appeared in its most complete form in 1903[2] and classified beetles much as was done by Leconte, but raising the rank of Adephaga, separating Palpicornia and Staphylinoidea as series, and consolidating Serricornia and Clavicornia to form series Diversicornia, also Phytophaga and Rhynchophora, in one series Phytophaga. The result gives:

Sub-order	ADEPHAGA
"	POLYPHAGA
Series	Palpicornia
"	Staphylinoidea
"	Diversicornia
"	Heteromera
"	Phytophaga
"	Lamellicornia

[1] On some recent attempts to classify the Coleoptera in accordance with their Phylogeny (The Entomologist, XLIV, 1911, pp. 121–351).

[2] Systematisch-Koleopterologische Studien (Münch. Kol. Zeitschr. I, 1903, pp. 271–319).

As in Lameere's system the highest rank is assigned to Lamellicornia; principally, it seems to me, on account of the high degree of concentration of the ganglia of the nervous system. I cannot share this view for reasons that will be given later, but it may be here stated that Dr. Gahan in a cautious way commends the Ganglbauer system and ends his masterly review in the "Entomologist" thus: "I think that his classification may well stand for the present as the one best devised to express our knowledge of the phylogeny of the Coleoptera."

Ganglbauer's system is also substantially approved by Anton Handlirsch,[1]) who in 1430 pages and 70 plates reviews the accumulated knowledge of fossil insects and deduces from the study thereof, and the study of various systems of classifications of living insects, a phylogenetic classification of the latter. For the purpose of this paper, pp. 1271–1280 and "stammbaum" VII, in which the families of Coleoptera are treated, are of the greatest interest, and as the results I have reached do not entirely agree with those therein set forth, it seems proper to preface an account of them by pointing out that Handlirsch admits that he is not a coleopterist (p. 1276) and that his reference to verbal communications from Ganglbauer, both authors being attached to the Hof-Museum in Vienna, may indicate that to some extent the one was influenced by the other.

Handlirsch considers the Coleoptera as being derived from Protoblattoidea previous to Triassic times, rejecting the alleged Coleopterous fossils of earlier epochs as being very doubtfully beetles at all; during the Triassic epoch he conceives that from an extinct protocoleopterous fauna two suborders arose, *viz.*: Protoadephaga and Protopolyphaga. Triassic fossil remains consist of elytra only, which cannot with certainty be ascribed to any existing families. During the succeeding Liassic epoch the Protoadephaga began to divide into the Adephagous families as now known; the more numerous fossil remains (pl. XLI), showing sometimes head and thorax as well as elytra, permit of the family being recognized by general appearance, though legs, antennæ and other appendages are missing. During the Lias also the Protopolyphaga began to divide into something approaching their present divisions; among the Lias fossils resemblances to our present Elateridæ are not uncommon, the peculiar prosternal process being plainly seen in some; while the blattoid form of thorax found in other fossils is very suggestive of Malacodermata like our Lampyridæ. But Handlirsch expressly disputes the reference of Trias or Lias fossils to existing fami-

[1] Die Fossilen Insekten und die Phylogenie der Rezenten Formen, Leipzig, 1906–1908.

lies, except in Adephagous forms, his theory being that as the Protocoleopteron arose from Protoblattoidea prior to the Triassic, and the Protoadephagon during Triassic, so did the Protopolyphagon arise and divide during Liassic.

In the Jurassic fossils, plate 45, more progress was made; among the Adephaga, water beetles like *Dytiscus*, and Carabids like *Calosoma*, are plainly seen with their characteristic legs; but among the Polyphaga it is still hard to place the species in existing families. The Cretaceous fossils are so few and imperfect that nothing can be said of them; but in the Tertiary fossils from Oeningen in Baden, and from Florissant in Colorado, the extraordinary numbers that have been found and their comparatively complete preservation have permitted of referring them not only to living families, but even genera in those families. Of the existing families very nearly all are now known among Tertiary fossils. Finally, in Quaternary fossils, in peat, and in interglacial deposits, it becomes a question as to their difference from living species.

To me it seems strange that Handlirsch, after establishing by fossil evidence the appearance of the Serricorn series, Sternoxia and Malacodermata, before any other polyphagous series, should in his "stammbaum" place Sternoxia after the Clavicornia. In his catalogue of Tertiary fossils, p. 743, he places them before the Clavicornia, and more correctly in my view.

As intimated above, he was possibly influenced by Ganglbauer and considerations of internal structures to which both authors attach great importance. At any rate his final conclusions are very much like Ganglbauer's and are based upon the conception of the sub-order Adephaga, having first become divided from other Coleoptera, which later became successively broken up into series as follows: Staphyliniformia, Palpicornia, Malacodermata, Clavicornia, Brachymera, Serricornia (= Dascilloidea), Sternoxia, Teredilia, Heteromera, Phytophaga, Rhynchophora, Lamellicornia, of which the last named were the last to be evolved from the protopolyphagon. It is in the division of Ganglbauer's Diversicornia into at least ten series that the greatest difference between the two authors appears; Dr. Sharp, in a letter, insists upon even many more lines of descent, and Dr. Gahan, as already stated, finds serious difficulty in accepting the groups proposed by Kolbe and Lameere. All recently expressed opinions, in short, tend towards the recognition of more numerous groups.

H. J. Kolbe, a German author of high standing, has on the contrary attacked the Ganglbauer system and has proposed one that is

quite different, based on the theory that parts of the body proper, rather than its appendages, truly show the progressive modifications of the Coleoptera. His early work [1] was considerably altered in 1908 [2] and as altered gives the following system:

ADEPHAGA

HETEROPHAGA (= POLYPHAGA Ganglbauer.)

HAPLOGASTRA Sternites of 2d and 3d abdominal segments separate, their pleuræ separated by a suture.

including: Staphylinoidea, Lamellicornia.

SYMPHYOGASTRA Sternites of 2d and 3d abdominal segments connate, no trace of suture between their pleuræ.

including: Cupesidæ, Malacodermata, Trichodermata, Palpicornia, Dascilloidea, Sternoxia, Bostrichoidea, Heteromera, Clavicornia, Phytophaga, Rhynchophora.

This system seems to have had some influence upon Kuhnt, in preparing the "Illustrierte Bestimmungstabellen"[3] and upon Dr. Pierce, but was never fully worked out by Kolbe himself, though his earlier "Natürliches System der carnivoren Coleoptera" (D. E. Z. 1880, pp. 258–280) superficially covers Adephaga. As counteracting the possibly extreme views of Ganglbauer regarding Lamellicornia and Rhynchophora, Kolbe's work is valuable; and in corroboration of his estimate of the highest rank for Rhynchophora, I would here quote Dr. Sharp's sentence, "we should be inclined to place such forms as Calandrides among the most perfect of insects."

Systems based on Genitalia, etc.

An entirely different point of view is that taken by Sharp and Muir who have devoted considerable time to a comparative study of the genitalia.[4] The heterogeneous character of the Heteromera, which have appeared intact in every system so far, is brought out by their work; Cistelidæ, Lagriidæ and Monommidæ are found to resemble

[1] Vergleichend-morphologische Untersuchungen an Coleopteren nebst Grundlagen zu einem System und zur Systematik derselben (Arch. f. Naturg 1901, pp. 89–150).

[2] Mein System der Coleopteren (Zeitschr. fur wissenschaftliche Insektenbiologie, IV, 1908, 116–400).

[3] Illustrierte Bestimmungs Tabellen der Käfer Deutschlands, Stuttgart, 1912. (This work has 10,000 illustrations, including larvae.)

[4] The comparative anatomy of the male genital tube in Coleoptera (Trans. Ent. Soc. Lond. 1912, pp. 477–639, and 1918, pp. 223–229).

Tenebrionidæ in the form of the genitalia, but all the other families heretofore called Heteromera more nearly resemble Cucujidæ in the form of genitalia than Tenebrionidæ. They suggest the arrangement of the Coleoptera in eight series, thus:

BYRRHOIDEA	— most of Leconte's Serricornia.
CARABOIDEA	— Adephaga.
CUCUJOIDEA	— all not included elsewhere.
STAPHYLINOIDEA	— Staphyliniformia.
MALACODERMOIDEA	— Malacodermata.
TENEBRIONOIDEA	— Cistelidæ, Lagriidæ, and Tenebrionidæ.
SCARABAEOIDEA	— Lamellicornia.
PHYTOPHAGOIDEA	— Phytophaga and Rhynchophora combined.

but they give no definitions other than those drawn from the genitalia and admit that their work is unfinished and subject to revision, especially as to division of the series Cucujoidea. It is noteworthy that they found two types of genitalia in the family Colydiidæ, and that the more primitive of the conditions of the coleopterous genital tube, so far as existing forms are concerned, occurred in the Byrrhoidea, contradicting to this extent the phylogeny presented above.

I have been greatly impressed by the results of this work by Sharp and Muir and regret that it has not yet been completed. Its recognition of Caraboidea, Staphylinoidea, Malacodermoidea, Tenebrionoidea, Scarabæoidea and Phytophagoidea, as six great series, each having characters in common, while each at the same time shows a definite different direction in which modification has progressed, seems to be final corroboration of results obtained by previous authors from studies of adult and larval characters. Its severance of Tenebrionoidea from the heterogeneous assemblage heretofore called Heteromera is the step needed to correct the old error inherited from Latreille. While I have been so far unable to correlate their series Byrrhoidea and Cucujoidea with any series based on external characters, I feel that these divisions of theirs may nevertheless be indications in the right direction, but obscured at present by the fact, recognized by Sharp and Muir also, that a number of series are possibly combined in these two groups.

Another worker with genitalia is Verhoeff [1] who studied also the number of abdominal segments, but in both subjects for a few families only. The accuracy of his observations and the value of his deduc-

[1] Vergleichende Untersuchungen über die Abdominal segmente und die copulations organe der männlichen Coleoptera (D. E. Z. 1893, pp. 113–170); and weiblichen Coleoptera (D. E. Z. 1893, pp. 209–260).

tions have been strongly attacked in Germany by Julius Weise [1] and Otto Schwarz,[2] and have received scant attention elsewhere. In this connection the excellent drawing of the extruded genitalia of *Brachyacantha* by Grossbeck [3] should not be overlooked. The most striking feature of Verhoeff's contribution seems to me his recognition of the isolated position occupied by the Coccinellidæ, for which he made a sub-order ELEUTHERESIPHONA, based upon the genitalia, larval characters and life history. The subordinal rank of the family is not conceded by any other author, as far as I know, but its separation as a series from the other clavicorns, may be the outcome.

Pierce [4] has revived the separation of the family Stylopidæ as an order, STREPSIPTERA, and has recently repeated the arguments in favor of this course.[5] This is questionable, as they seem to lead quite readily from a series composed of Mordellidæ, Rhipiphoridæ and Meloidæ, and connected, judging from larval characters, through the Mordellidæ with Lymexylidæ. That they should have become highly specialized would naturally follow from their parasitic habits.

A similar separation was proposed for the parasitic Platypsyllidæ by Westwood, who called them ACREIOPTERA, but has long since been discarded.

LARVAL CHARACTERS

There has been much written about the larvæ of Coleoptera, especially by the Danish and French authors, but there is no complete classification based on larval characters. The larvæ of the primitive families are either campodeaform, with elongate bodies, long legs, and anal cerci, or blattoid, broader in outline, with expanded sides. In the Adephaga, the legs terminate usually in two claws and according to some authors, are composed of one more joint than in Polyphaga, but there are exceptions to the dual claw, and further studies of Adephagous larvæ may show other exceptions. In some primitive Polyphaga the larvæ are also campodeaform, but with only one claw. In Staphyliniformia, the blattoid form often occurs and it is also seen in *Psephenus;* it becomes therefore difficult to say which is the more primitive of the two forms

[1] D. E. Z. 1894, pp. 155–157 also, D. E. Z. 1894, pp. 177–188; 1895, pp. 65–78.
[2] D. E. Z. 1894, pp. 153–155; 1895, pp. 27–36.
[3] Bull. Am. Mus. Nat. Hist. XXX, 1911, p. 284.
[4] A monographic revision of Strepsiptera (Bull. U. S. Nat. Mus. No. 66, 1909, pp. 1–232.)
[5] The comparative morphology of the order Strepsiptera (Proc. U. S. Nat. Mus. LIV, 1918, pp. 391–501.)

of larvæ, campodeaform or blattoid; if, indeed, there is any phylogenetic significance in such forms. There are, moreover, a number of larval forms that are apparently very peculiar, as in Dermestidæ and Coccinellidæ; and many of the Polyphagous larvæ exhibit modifications in various directions.

In the decidedly derivative series the larvæ apparently show uniform progressive modification in a definite direction. The larvæ of Lamellicornia are eruciform, fat, curled grubs, thickened at anal extremity, but still with legs. The larvæ of the Phytophaga are also eruciform, sometimes with, sometimes without, legs; in Bruchidæ the young larvæ have legs that are lost in the later moults. The larvæ of the Rhynchophora (except Brentidæ) are always curled, legless grubs. There seems thus to be a progressive development from the active larvæ of the Adephaga, through the Polyphagous and Lamellicorn forms of larvæ, that reaches its climax in the slothful seed-eating larvæ of Rhynchophora. Packard has traced an interesting parallel between this development and the life history of hypermetamorphic beetles as stated by Riley [1] and others. If one compares Riley's figure of the first larva (or triungulin) with the campodeaform larva of Adephaga, and his figure of the last larval stage with the eruciform larva of Rhynchophora, a striking resemblance will certainly be detected. The history of the development of Coleopterous larvæ seems to be repeated in the various moults.

But when one considers the legless larvæ of the Buprestidæ and Eucnemidæ, groups that retain many characteristics we have called primitive, the active larvæ of many Coccinellidæ, a group that in many respects seems highly derivative, one is forced to consider the gradual loss of larval legs as possibly the result of atrophy, rather than as an indication of phylogenetic rank. The references made by Handlirsch to the blattoid form of larva as characteristically primitive are still more disconcerting, for such forms are rare in the Adephaga (*Cychrus* is an example and it is certainly far from the most primitive of Adephaga) though his fossil evidence strongly favors their early origin.

It seems too early in the study of Coleopterous larvæ to attempt to draw any definite conclusions therefrom, except as a corroboration of those drawn from the study of adults. Mr. Schwarz has given long study to the subject; and his present feeling, as I gathered from a recent conversation with him, is not very different from that I have just expressed. Dr. Böving's results and those of Dr. F. C. Craighead,

[1] On the Larval Characters, etc. (Trans. Ac. Sci. St. Louis, III, 1877, pp. 544–562).

based upon long study and extensive material, may however, when published, afford an independent basis for classification.

Until that time comes we have no system of classification, as already stated, based on larval characters; but alleged resemblances in the larvæ have frequently been used to support relationships based primarily on adult characters; and if such resemblances are, at least in part, cases of convergence, even such may be hazardous.

It may be added that McGillivray's key to Coleopterous larvæ,[1] though excellent for the period in which it was prepared, now requires considerable modification.

I have now given an account of the principal changes that have been proposed in the Leconte system. But it is a bare sketch of their salient points. A complete synopsis and argument may be found in Dr. Gahan's paper from which I have already quoted. This should be studied by every one interested in the subject of family classification. It is, however, a critical paper and points out the weak points in other systems without constructing a new one. The treatment of the Coleoptera by Brues and Melander,[2] incorporates many of the ideas which I have endeavored to repeat, but gives no clue to the sequence in which the families should be arranged. So that we are left to choose between the rival continental authors, but with the guidance of Dr. Gahan's impartial criticism and of Sharp and Muir's work on genitalia.

System adopted for Check List.

In this way, balancing one argument against another, I am led to believe that a division of the Coleoptera into two sub-orders is established; and that possibly the sub-division of the sub-order Polyphaga into several series, approaching the rank of sub-orders, is at present the best course to pursue. The definition of some of these series, and consequently the inclusion or exclusion of certain families, remains doubtful; but for many purposes such definition is practically accomplished by the families included. The two sub-orders would be separated as follows:

Outer lobe of maxillæ palpiform; first visible ventral segment divided; hind wings with cross-veins; pleural sutures of prothorax present; antennæ never serrate, clavate or lamellate; tarsi 5-jointed (except in the genus *Hydroporus*); larvæ generally campodeaform, with legs, tarsus with one or two claws, sometimes blattoid.....ADEPHAGA.

[1] New York State Museum Bulletin 68, 1903, pp. 288–294.
[2] Key to the Families of North American Insects, 1915.

Outer lobe of maxillæ not palpiform; first visible ventral segment not divided (except Rhysodidae); hind wings without cross-veins (except Lymexylon, Rhysodidæ and Cupesidæ); pleural sutures of prothorax absent (except Cupesidæ); antennæ and tarsi variable; larvæ variable, tarsus and claw fused (except in *Rhysodes, Cupes* and *Micromalthus*) . . POLYPHAGA.

The families Rhysodidæ and Cupesidæ have been variously assigned to both sub-orders as above defined, since they possess some of the characters of each. It is conceivable that they represent the modified descendants of families that existed prior to the separation of Adephaga and Polyphaga; if so, they should in a phylogenetic arrangement precede both, as being more primitive. It is certain that their position has been greatly disputed, but the recent discovery of their larvæ convinces me that they are not Adephaga.

The Polyphaga would be separated into seven series as follows:

Palpi flexible; gular sutures double . . . . . 1.
Palpi rigid or concealed; gular sutures single . . . . . 2.

1. Hind wings with simple, straight veins; abdomen with at least three corneous segments dorsally, and exposed more or less by the short elytra; antennæ variable, but never lamellate; tarsi variable; larvæ campodeaform, or blattoid, always with legs. BRACHELYTRA or STAPHYLINIFORMIA.

Hind wings with veins in part connected by hooks, or recurrent veins; abdomen with at most two corneous segments dorsally, usually completely covered by the elytra; antennæ and tarsi variable; larvæ variable . . . . . 3.

3. Antennæ never lamellate; tarsi variable . . . . . 4.
Antennæ always lamellate; tarsi 5-jointed . . . . . 5.

4. Palpi never longer than antennæ, tarsi variable . . . . . 6.
Palpi often longer than antennæ, tarsi usually 5-jointed . . . . . 7.

6. Antennæ variable, usually filiform, serrate or modifications of those forms, never lamellate or suddenly clubbed; body in the more primitive families elongate, not strongly chitinized; tarsi 5-jointed or heteromerous; larvæ sometimes remarkably differentiated, with legs (except in Buprestidæ and some Eucnemidæ) that are usually short. POLYFORMIA.

Antennæ usually clavate, though variable and sometimes only thickened externally; tarsi variable, including heteromerous, 4 and 3-jointed; body strongly chitinized; larvæ with legs, never blattoid . . . . . CLAVICORNIA.
Antennæ variable, usually serrate, or with outer joints wider, sometimes pectinate or flabellate; tarsi always 4-jointed . . . . . 8.

7. Antennæ clavate, body strongly chitinized; larvæ campodeaform with legs. PALPICORNIA.

5. Antennæ lamellate; body usually strongly chitinized; pleuræ of 2d and 3d abdominal segments separated by the suture between their sternites; larvæ eruciform, with legs. LAMELLICORNIA.

8. Palpi with last joint triangular in primitive families, but becoming small in the more derivative families; tarsi always 4-jointed; larvæ usually eruciform, sometimes without legs . . . . . PHYTOPHAGA.

2. Antennæ variable, even lamellate in one genus, head frequently with a beak; abdomen usually covered by elytra; tarsi 4-jointed, except in three genera, *Tomicus, Dryophthorus* and *Platypus*, larvæ eruciform, usually without legs (except in Brentidæ?). RHYNCHOPHORA.

The family Brentidæ appears to form an exception to the larval character in Rhynchophora, if the descriptions are correct. It is also

exceptional in the form of its beak and in certain other respects. It is possible that it, like Rhysodidæ and Cupesidæ, belongs to an old proto-coleopterous family.

DISCUSSION OF SYSTEM ADOPTED.

As to the isolation of the Adephaga there is no dispute; all authors are in agreement on that point and every character, whether drawn from the venation, the external or internal structure, the genitalia, or the larval characters, support it. The case is different, however, with the other groups. The separation of the Rhynchophora was proposed by Leconte and urged in special papers on the subject;[1] it has been endorsed by Sharp and, to a less degree, by Kolbe; it has been opposed by Lameere, Ganglbauer and Gahan on phylogenetic grounds because they think the Rhynchophora are plainly derived from the Phytophaga, or the two from a common source; it has also been opposed by Muir because the genitalia are of the same type as those of the Phytophaga, and in our country by Pierce.[2] Numerically the opposition would rule, but the following reasons support Leconte's view.

There can be little question that the Rhynchophora are the most specialized of all beetles, remarkably distinct by the characters discovered by Leconte, as well as by their legless larvæ and the great development of the snout. As I shall show presently, they seem to be the most recent also of all beetles. That the links connecting them with their ancestors, admittedly the Phytophaga (in part at least), have survived is a result of their recent origin and no argument against their isolation if their characters otherwise warrant it. Had all the links survived, the isolation of the Adephaga might be no greater than that of the Rhynchophora. After trying to give due weight to the arguments to the contrary, I can find nothing to balance the strong characters of rigid palpi and single gular suture originally developed by Leconte and repeated in the Rhynchophora of N. E. America,[3] and I am still disposed to follow Dr. Leconte in isolating Rhynchophora, but as a series, not a sub-order, for reasons given below.

The isolation of the Lamellicornia has also been recognized since the days of Burmeister.[4] They appear as a series in every system, no element has ever been added or subtracted, there are no other beetles

[1] Amer. Naturalist, VIII, 1874, pp. 385–396 and 452–470.
[2] Studies of Weevils, etc. (Proc. U. S. Nat. Mus. LI, 1916, pp. 461–473).
[3] Rhynchophora or Weevils of North Eastern America, Blatchley & Leng, Indianapolis, 1916.
[4] Handbuch der Entomologie, III, 1842.

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that have the lamellate antennae or anything approaching them, except perhaps a few Scolytids. Dr. Sharp's course in treating them first, before even the Adephaga, is perhaps a consequence of their isolation being prominent in his thoughts. Dr. Leconte also considered but rejected the same course. The final disposition of this question must be left for the future; I am unwilling to add another sub-order, though I can see many reasons in favor of doing so; such reasons, however, are part of those that prevent me treating Rhynchophora as a sub-order.

The isolation of the Staphyliniformia by recent authors seems to be based on very strong grounds. In degree it may be less complete than that of Rhynchophora and Lamellicornia, for there are forms like *Sphaerites* that have been placed in Polyformia. But there must be such differences in degree of isolation of series, families, tribes, genera and species, for we can never expect an absolute equality in that respect.

The isolation of Phytophaga is even less complete; many authors unite them with Rhynchophora, others see a remote connection with some families of Polyformia. It is difficult indeed to frame a definition for them based on adult characters alone. Still the term has long been used and is perfectly understood as one admirably covering Cerambycidæ, Chrysomelidæ and Bruchidæ as a series of plant-eating families.

Still more difficult to define as a whole are the numerous smaller series here grouped under the names Polyformia, Palpicornia and Clavicornia. They are in fact what remains after separating the larger and more strongly characterized series. They include some series like Malacodermata and Sternoxia that though smaller in number of species involved are very distinct; the distinctions, however, occur in structures that have not been used in making primary divisions, and are perhaps in that sense of less importance. The Rhynchophora seem to me very nearly of the subordinal importance that Leconte gave them; those included above seem nearest to them in degree of important difference. I have reduced the Rhynchophora somewhat unwillingly because I feel that their isolation is less than that of Adephaga, but I cannot still further reduce them by elevating more, even of the best defined series in Polyformia, to equivalent rank.

Progressive Modification of Various Structures

Before discussing the sequence in which the series as defined above should be arranged, I would like to state the general conditions under which the order has become specialized in different directions and the

general character of the specialization in a few important structures. As it seems to me the primitive habit of the Coleoptera must have been feeding upon a variety of decaying substances, animal and vegetable indifferently, and the first Coleoptera, newly derived from some even more primitive insect, must have been but poorly adapted to their work. It has been shown by Sandor Gorka [1] that the digestive system of such as still feed upon decaying substances is of the simplest form. The habit of feeding principally on animal matter, which characterizes the Adephaga, is accompanied in the larvæ as well as in the adults by adaptations of structure that in classification justify making of them a sub-order. The adaptation extends to the digestive system, which is highly specialized. The habit of feeding largely upon living vegetable tissue which characterizes the more specialized Phytophaga and nearly all the Rhynchophora is also accompanied by adaptations of structure, though in an entirely different direction. These adaptations extend, as in the Adephaga, to the digestive system and to the larvæ; and in the Rhynchophora, whose food is largely derived from the most recent developments of the vegetable kingdom, have reached a degree of specialization that justifies treating that group as the highest development of the sub-order Polyphaga, even if its comparatively recent origin permits of tracing its descent and forbids treating it as a sub-order.

The primitive beetles from which the two sub-orders have been derived are of course extinct, and their characters must be deduced from the theory just suggested. Being derived from some more primitive generalized insect form and being the progenitors of the existing forms, their structures must have been those common to both, but in degree of adaptation exactly the opposite of that found in the most specialized of existing forms. I have already pointed out that the tarsi of the primitive beetle must have been composed of five equal, unmodified joints and that tarsi of a less number of joints, or with joints adapted to swimming or digging, must be regarded as derivatives from the primitive form. Since, according to Dollo's Law,[2] a part once lost or reduced to a vestigial condition cannot be regained in progressive modification, a 3-jointed tarsus must be a derivative in comparison with a 4-jointed tarsus, not *vice versa*, and such tarsal appendages as lobes and onychium must be primitive indications, for they are lacking in highly specialized beetles, but present in many more primitive insects.

[1] Allgemeine Zeitschrift fur Entomologie about 1913.

[2] See "A History of Land Mammals in the Western Hemisphere," New York, 1913, p. 656 The author, Wm. Berryman Scott, discussing the so-called law of irreversibility in evolution, decides that while it is perhaps not universally exemplified, deviations are certainly exceptional.

For similar reasons primitive elytra would be elongate, pubescent, and imperfectly adapted to the other parts of the body, because in the highly specialized beetles of each sub-order, they are short, glabrous, and very perfectly adapted to the parts they adjoin.

The hind wings in the primitive beetle should be efficient in flight, with veins similar to those of a generalized insect, *i. e.*, joined by cross-veins, if the studies of Comstock and Needham are accepted.

The abdominal segments would be the largest number known in existing forms, *viz*: eight.

The antennæ would be composed of eleven, similar, unmodified joints, pubescent, not geniculate.

The palpi would be composed of four, similar, unmodified joints; the triangular and securiform modification of the last joint are a specialization in one direction, often seen in Polyphaga; the gradual loss of flexibility and prominence, which attains its maximum in Rhynchophora, is apparently a specialization in an opposite direction, or atrophy from disuse.

The occurrence of ocelli is rare in beetles and is a primitive character, because ocelli are present in lower orders and lacking in the higher Coleoptera. In Cicindelidæ they are present in the larva only.

The presence of certain sutures, *viz*: the double gular suture, the propleural suture and the suture between the 2d and 3d abdominal pleuræ is a primitive character, because the general progressive modification from an elongate, loosely organized creature to a short, compact insect, with all its parts closely co-adapted, could only be accomplished by a fusion of parts that would obliterate such sutures.

The occurrence of some appendages to the legs, *viz*: membranous appendages to the claws, membranous lobes beneath the tarsi, the onychium (or arolium) and paronychium between the claws (treated by some authors as representing the pulvillus of lower orders) and the more or less distinct trochantin, is also an indication of primitive character; such appendages are never found in highly specialized beetles. The trochanter also in the exaggerated form found in some Carabidæ and Lampyridæ is a primitive character, being greatly reduced in specialized beetles.

In certain families, like Staphylinidæ, the effect of this modification of the general form is also seen in the character of the coxæ and their cavities, the broad and prominent coxæ being the primitive forms, often accompanied by an unusual development of the trochanter. The open coxal cavity, appertaining to a loosely organized beetle, is more primitive than the closed cavity.

Now while the Adephaga, with their acquired habit of eating flesh and its accompanying modifications of structure, are plainly derivatives of the primitive beetles that preceded them, it seems as if they might be the first great offshoot and, having preserved more of the primitive characters than the other sub-orders, were entitled to the first place, even though some other beetle may have better preserved one or more different primitive characters.

Tabular Comparison

In tabular form, using P for primitive, D for derivative and P D, counted as ½ D, where both primitive and derivative forms occur in the series, the sub-orders and series would stand as follows in respect to each character I have considered above:

	Elytra	*Wings*	*Tarsi*	*Abdomen*	*Antennæ*	*Palpi*	*Lobes*	*Onychium*	*Ocelli*	*Pp. Suture*	*Gul. Sut.*	*Larva*	*Total*
ADEPHAGA	D	P	P	P	P	P	D	PD	D	P	P	P	= 3½D
POLYPHAGA:													
Palpicornia	D	D	PD	PD	PD	D	D	D	D	D	P	P	= 8½D
Staphyliniforaia	D	PD	PD	PD	PD	PD	D	D	PD	D	P	P	= 7 D
POLYFORMIA:													
Cantharoidea	PD	D	P	P	PD	D	D	D	D	D	P	P	= 7 D*
Cupesoidea	D	P	P	D	P	D	D	D	D	P	P	D	= 7 D*
Teredilia	PD	D	P	P	P	D	D	D	D	D	D	P	= 6½D
Mordelloidea	PD	D	D	PD	PD	D	D	P	D	D	P	P	= 6½D
Sternoxia	PD	D	P	PD	D	D	P	D	D	D	P	P	= 7½D
Macrodactylia	D	D	P	PD	D	D	D	D	PD	D	P	P	= 8 D
Dascilloidea	PD	D	P	D	D	D	D	D	D	D	P	P	= 9½D
Brachymera	D	D	P	D	D	D	PD	D	D	D	P	P	= 8½D
Clavicornia	D	D	PD	D	D	D	D	D	PD	D	P	PD	= 9½D
Coccinellidæ	D	D	D	PD	D	D	D	D	D	D	P	D	= 10½D
Tenebrionoidea	D	D	D	D	D	D	PD	D	D	D	P	PD	= 10 D
Bostrichoidea	D	D	PD	D	PD	D	D	D	D	D	P	D	= 10 D
LAMELLICORNIA	D	D	P	PD	D	D	D	PD	D	D	P	D	= 9 D**
Phytophaga	D	D	D	PD	D	D	D	D	D	D	P	PD	= 10 D
RHYNCHOPHORA	D	D	D	D	D	D	D	D	D	D	D	D	= 12 D

* In these series the broad coxæ and prominent trochanters are additional primitive characters.

** Somewhat higher rank than indicated must be assigned on account of nervous system.

The minor series that have been proposed are introduced under Polyformia, though I am not yet prepared to define or accept them all; the names are for the most part taken from Lameere. The totals show plainly the primitive character of Adephaga, the intermediate character of most of the Polyphaga, with the highly derivative character of the Rhynchophora. They apparently support also Lameere's first thought that Teredilia were very primitive beetles, and Verhoeff's claim for a relatively exalted place for Coccinellidæ; but I am unwilling to entirely subvert Leconte's sequence of families on such theo-

retical grounds, especially as the totals run so close that any small error would affect the result. I think, however, that this table shows that Leconte's serricorn families are more primitive than his clavicorn families so definitely that there remains no doubt his sequence should be reversed in that section of his work.

If Lamellicornia are compared, their formula would correspond neither with the highest rank that Ganglbauer gave them nor the lowly position assigned by Kolbe, but an intermediate place such as they occupy in the Leconte system. Ganglbauer has maintained, and is apparently supported therein by Dr. Gahan, that they are the most highly specialized of all beetles, in the antennæ, in the high degree of concentration of the nerve ganglia, and in the social instincts displayed by their highest tribe. He is opposed by Kolbe, who cites their 5-jointed tarsi and abdominal structure as strikingly primitive characters, and he might have included the frequent occurrence of the onychium. It appears also by Ganglbauer's own statements that the nerve ganglia are highly concentrated in the Rhynchophora also and he appears to have overlooked the occurrence of lamellate antennæ in certain Scolytids. I have therefore no hesitation in adopting approximately as far as Lamellicornia are concerned the results of the formulas given above, especially since they only corroborate those reached by Leconte and coincide with the sequence for the principal families to which we are accustomed.

The internal structures have also been studied and confirm more or less the results obtained from the study of the external structures. I know these data only from Dr. Gahan's paper, already quoted, in which he reviews the work of Escherich,[1] Emery,[2] Dufour[3] and Bordas[4] on sexual organs, ovaries and testes, Brauer[5] and Wheeler[6] on the Malpighian vessels, and Blanchard,[7] Brandt[8] and other anatomists on the nervous system. Korshelt and Heider[9] are also quoted as the latest review of these internal structures.

The phylogenetic deductions from the studies of internal structures by various authors are not entirely in accord, but taken as a whole confirm the primitive character assigned to the Adephaga. Their bearing upon the rank to be assigned to Lamellicornia is to elevate that

[1] Zeitschr. fur Wissensch. Zool. LVII, 1894, pp. 620–641.
[2] Biol. Central. Bl. V, 1885, p. 652.
[3] Ann. Soc. Nat. VI, 1825.
[4] Ann Sc. Nat. Zool. et Pal. 8 ser. XI, 1900, pp. 283–448.
[5] Verh. zool. bot. Ges. Wien. XIX, 1869.
[6] Psyche, VI, 1893.
[7] Ann. Sc. Nat. 3 ser. Zool. V. 1846, pp. 273–279.
[8] Hor. Soc. Ent. Ross. XIV, 1878.
[9] Lehrbuch der vergleichenden Entwicklungsgeschichte der wirbellosen Thiere, Jena, 1902.

series above that which it would take from a comparison of external characters alone. This is one of the considerations that lead me to place it where I do. Special discussion of Palpicornia and some smaller groups will be found below.

An Alternative View of Phylogeny

I have thus far presented the phylogeny as developed by continental authors with but little interpolation of individual opinion. To complete the account of the bearing of their hypotheses upon the classification it seems necessary to point out that they are only fairly supported by part of the known facts and so contradicted by some others that it would be extremely injudicious to subvert an established classification on such theoretical grounds, though some modifications based thereon may be acceptable.

To my mind, the assumption implied in the phylogeny thus far presented, that of all the families of the protocoleoptera of pretriassic times, none have survived except those that were succeeded by Adephaga and Polyphaga (as defined by phylogenetic authors), is unwarranted. I can conceive of the great groups of flesh-eating Adephaga and plant-eating Phytophaga arising under favorable environment; and of other similar groups responding by increase in genera and species to various environments produced by geological changes, but I must maintain that the utter extinction of all the families of protocoleoptera that existed prior to the origin of such groups is improbable and that it is far more likely that some of the present small families, especially those of disconnected distribution, represent remnants of families that existed prior to the origin of the Adephaga.

The consequences of the false assumption may be seen in the failure of the phylogenetic scheme to coincide with the results obtained from study of genitalia, from study of larvæ, especially the blattoid forms, from study of digestive system, and other internal parts, all of which have been mentioned above. The remedy may lie in separating from the mass called Polyphaga all the small families with primitive characters in the adult and larva, and treating them phylogenetically as more primitive than Adephaga. It is not, however, my purpose to propose a new system of phylogeny, but rather in this paragraph to point out the defects of that already presented as a reason for not following any phylogenetic theory in arranging the sequence of families beyond

the point at which it is in approximate accord with a sequence otherwise established.

I cannot refrain from inserting a few words on environmental adaptation. I have already alluded to the three-fold division of the Coleoptera indicated by the digestive system. This is in a measure confirmed by the modifications of the palpi. In papers read before the New York Entomological Society some years ago, but still unpublished, I tried to show that while the chief environmental factor for plants might be moisture, for beetles it was certainly food; and profound structural modifications were correlated therewith. This is naturally nowhere more marked than in the mouth parts and especially in the palpi. Assuming, as I feel compelled to do, the habit of feeding (possibly in very moist, swampy localities) on decaying matter, vegetable and animal indifferently, as the primitive habit of beetles, it is found to be associated with the simplest form of digestive apparatus and with mouth parts of varied form, but extreme in no direction.

It is noteworthy also that among such forms the blattoid larva is also most frequently found. The habit of feeding on animal matter is associated with a more complex digestive system and with the equivalent of six palpi. The habit of feeding on living vegetable tissue is associated with an equally complex, but different digestive system, and a gradual atrophy of palpi, practically complete in the highly derivative Rhynchophora.

It may still be true that the extinction of the most primitive of polyphagous families leaves the Adephaga possessed now of the greatest aggregate of primitive characters (as indicated on p. 21), but if such be the case, it does not necessarily imply an origin for them antecedent to that of all Polyphaga. While, therefore, I place Adephaga first, my doing so is more because Leconte did so than because I believe they are more primitive than every family of Polyphaga; and while I have arranged the families of Polyphaga in accordance with the phylogenetic table on p. 21, including with them Rhysodidæ and Cupesidæ, it is not my intention to conceal the heterogeneous character of the assemblage. It seems better, however, to retain existing errors if such there be, rather than to risk introducing new ones on no better basis than disputable phylogeny.

Explanation of Chart

Having thus established with a fair degree of certainty the sequence in which the series should be placed, I will now endeavor to exhibit the position, in the series, in which the families and some of their most

CHART ILLUSTRATING PHYLOGENETIC RANK OF FAMILIES OF COLEOPTERA

ADEPHAGA | POLYPHAGA

SUTURES: Propleural and Double Gular

VENATION: CARABIFORM

LARVA: CAMPODEAFORM — 2 CLAWS — OR BLATTOID

WITH LEGS

PALPI FLEXIBLE: Outer Lobe of Maxilla Palpiform

ANTENNAE: Filiform, except that Mores, Nomius and Paydrus have moniliform joints | Aureolate | Clavate

| Abdominal Segments | Tarsal Joints | | |

peculiar tribes should be placed, if the more primitive are to precede the more derivative. On the accompanying chart vertical lines indicate separations based respectively on the sutures, the venation, the larva, the palpi and the antennæ, the left hand columns being the most primitive; horizontal lines indicate separations based on the number of abdominal segments and number of tarsal joints, the most primitive being at the bottom of the sheet. A dagger indicates the primitive characters of tarsal lobes, onychium, ocelli, soft, pubescent, elytra ill adapted to the body, or trochantin visible. All the characters used in the tabular presentation are thus included; and the sequence of the series is substantially the same as I there employed.

I think it will be seen at a glance that in a general way the sequence of the families proceeds quite regularly from the lower left hand corner of the chart to the upper right hand corner, that is, from the most primitive in respect of the twelve important characters used to the most derivative. In certain cases, however, a primitive series, Staphyliniformia for example, runs higher in abdominal or tarsal development than the more derivative series that follow. If one used those characters only a false idea of the position of the series would result; and I believe Verhoeff's conception of Coccinellidæ as a sub-order is an actual example of such a result. I have tried to incorporate in this chart all the characters that have been used to obtain a balanced result. In many of the series, a single or a few genera are placed below the bulk of the families on account of their possessing more primitive abdominal or tarsal characters. This appears to indicate the survival in that series of some of the more primitive forms, forms that in most of the series have become extinct. While such cannot be entirely disregarded, I think it would be a mistake to class the series according to these survivals alone. Some extraordinary forms are tentatively placed. Parasitic insects are regarded as a result of degradation, rather than as a primitive indication. If *Telegeusis* is correctly placed in Teredilia, it may be necessary, as Lameere did, to place that series first of the Polyphaga, but its affinities are still disputed.

I should like to be able to discuss the considerations that have caused me to put each family in the position assigned in the series and continue the same treatment for each tribe in the family, but that is not now practicable. I will, however, briefly review each series, giving the Adephaga and Staphyliniformia the most space. For the purpose of bringing the terminology into harmony with that of other orders of insects, I have, at the suggestion of Dr. J. Chester Bradley, used words ending in oidea except for sub-orders.

ADEPHAGA

As defined by Leconte, the families included are, Cicindelidæ, Carabidæ, Haliplidæ, Amphizoidæ, Dytiscidæ and Gyrinidæ. Omophronidæ may be separated from Carabidæ as suggested by Kolbe and Lameere and Rhysodidæ has been added by many. As indicated above I believe, however, that Rhysodidæ is one of the nearly extinct branches of the primitive Coleoptera that originated while they still possessed hind wings with cross-veins, divided first abdominal segment, and propleural suture, characters that are shared by Adephaga. I have expressed by a query the reply of Mr. Schwarz to a direct question as to its position "We do not even know how to spell its name;" but, in default of a surely better place, I have left them as Leconte did, near the beginning of the Clavicorns.

Two series are indicated in Adephaga as follows:

Eyes two, soles of tarsi beneath as usual, antennæ filiform . . . . . CARABOIDEA.
Eyes four, soles of tarsi lateral; antennæ auriculate . . . . . GYRINOIDEA.

The second series consists of one strongly isolated family; the first series may be divided into six families as on p. XXX of Leconte's classification, with Omophronidæ separated from Carabidæ by the character given on p. 6 "prosternum prolonged and dilated, entirely concealing the mesosternum." The larva of *Omophron* is aquatic and the family seems intermediate between Carabidæ and Haliplidæ. There may be still other families incorrectly included with the Carabidæ which are an assemblage of somewhat heterogeneous character. While the antennæ are usually filiform, three genera have them moniliform; while the larvæ are usually compodeaform, there are some exceptions and these are correlated with exceptional adult characters. Their classification has been worked over by Latreille, Bonelli, Dejean, Schaum, Erichson, Schioedte, Lacordaire, Leconte, and owes its present form to G. H. Horn. I am sorry that Lameere finds the last, in which I know the author took great pride, "detestable"; and it certainly is far from according with views based on phylogeny, which would bring *Elaphrus* nearer to Cicindelidæ, and *Brachinus*, with its pubescent elytra poorly adapted to the body and 8-segmented abdomen, both primitive characters, near the first; with the tribes like Pterostichini and Bembidiini, in which the glabrous elytra have developed the internal plica, near the end. The palpi also indicate a highly derivative position for Carabini and Bembidiini; while the Lebiini, by their truncate elytra,

bright colors, and arboreal habits seem to constitute an isolated group, perhaps even higher in rank.

The abdomen has always six or more segments in Adephaga, seven in Cicindelidæ ♂ and in Gyrinidæ, eight in the genus *Brachinus*. The tarsi are 5-jointed throughout, but in *Hydroporus* the front and middle tarsi are apparently 4-jointed, the fourth joint being either actually wanting or concealed by the deeply lobed third joint. Ocelli are wanting in the adults, but very perfect in the larvæ of Cicindelidæ. In the Carabidæ a striking peculiarity is the development of tactile setæ. These are wanting in the genus *Oodes* and the aquatic Adephaga; also in the subfamily Pseudomorphinae, which is also remarkable for its short legs and rigid tarsi. Still another large group is characterized by fossorial legs, by which it aids its underground operations, and by pedunculate thorax. The position of *Amphizoa* is a matter of doubt; but I have not attempted to make any changes in the place at present assigned to it or other divisions. The sequence follows American precedents because there is no other at present available.

POLYPHAGA

The number of families in this sub-order is so great that it will be most convenient to consider the divisions. I use the terms that have been suggested by Lameere principally, adding Mordelloidea for the remainder of the old series Heteromera, after separating Tenebrionoidea.

PALPICORNIA or HYDROPHILOIDEA

The great length of the palpi, exceeding that of the antennæ in the most derivative forms, but far less developed in the primitive sub-families, gives this series its name. In Dr. Leconte's system the principal families included follow the Adephaga, and I have made no alteration. The campodeaform larva of the Hydrophilidæ seems to support Dr. Leconte's view. The phylogeny has been carefully studied by d'Orchymont;[1] he arranges the sub-families in the following order, *viz*: Hydræninæ, Limnebiinæ and Spercheinæ (not American) as the more primitive, and Helophorinæ, Epimetopinæ, Hydrochinæ, Sphæridiinæ, Hydrophilinæ, as the more derivative; and agrees with Handlirsch and

[1] Ann. Soc. Ent. Fr. LXXXV, 1916, pp. 91–106; and 235–240.

Peyerimhoff that they should follow Staphyliniformia. He admits, however, some doubt pending further study of the more primitive Silphidæ, wherefor the theoretical reason seems an insufficient basis for a change in the sequence to which we are accustomed. The sub-family Hydroscaphinæ has been added by Dr. Böving [1] as closely allied to Limnebiinæ; the larvæ of both are very similar to those of such Staphylinidæ as *Tachinus* and *Tachyporus*. The sum of all the characters, (see table on p. 21) seems to me to indicate a higher rank phylogenetically than is conceded by any of the authors named, but this may result from attaching too much importance to the acquired characters due to aquatic environment in most of the sub-families; and on the whole it seems best to continue to place, as did Dr. Leconte, this series immediately after the Adephaga. As I had some trouble in finding the reference, it may be added that Handlirsch (p. 1277) announces that Ganglbauer had verbally agreed to the separation of Palpicornia as a series.

BRACHELYTRA or STAPHYLINIFORMIA or STAPHYLINOIDEA

This division possesses, according to Ganglbauer and Lameere, the most simple form of wing venation, without either cross-veins or hook-veins, but if I correctly apprehend Comstock and Needham's theory of tracheation, while apparently simple, it is not primitive, but a derivative from the more primitive form with cross-veins. By omitting Phalacridæ it comprises all the families in Leconte's system from VII to XIX that follow Hydrophilidæ. These families all have more or less short elytra, and at least three dorsal abdominal segments corneous. They have a distinctive type of genitalia. The larvæ of many at least are campodeaform and greatly resemble Adephagous larvæ except that they have only one claw. Everything therefore indicates that they should precede other Polyphaga; the comparatively large number of derivative characters shown in the table results from including the more derivative forms of this very large group and would be somewhat reduced if cognizance were taken of their primitive coxæ and trochanters.

I have followed Ganglbauer's treatment in the "Käfer von Mitteleuropa" almost exactly. Readers of Leconte's classification will note that it embodies also most of his ideas. The Leptinidæ, with 11-jointed, filiform antennæ, *Pteroloma*, with the same antennæ and Carabid-like

[1] Notes on the Larva of Hydroscapha (Proc. Ent. Soc. Wash. XVI, 1914, pp. 169–74.)

form, and especially *Brathinus*, with both these characters and ocelli to boot, seem to me more primitive than the Scydmaenidæ and Silphidæ, with clavate antennæ, often 10- or 9-jointed, that Ganglbauer puts first. Also the method of counting the number of abdominal segments has been questioned by Verhoeff, and if erroneous, as he thinks, would remove the last reason for putting Staphylinidæ before Silphidæ. In reference to *Brathinus*, Casey[1] has urged its being placed in Omaliini on account of its having the ocelli characteristic of that tribe of Staphylinidæ, but it lacks so many of the other characters that I have placed it as a family (following Leconte's earlier idea) near Leptinidæ and primitive Silphids like *Pteroloma*. For these few changes in Ganglbauer's treatment I am responsible.

The following table shows the diversity of abdominal, tarsal and antennal structure in the Staphyliniformia which have led to the changes that have been made in Leconte's system:

Abd.	*Tarsi*	*Antennæ: Filiform*	*Clavate*	*Capitate*	*Verticillate*	*Capillary*	*Moniliform*	*Geniculate or simple*
3	3		*Sphæridius* 11					
5	3			*Microp.* 9				
5	3		*Pselaph.* 2–11				*Pselaph.* 11	
5	4							Oligota 10
5	Het							*Hister* 11
5	5	Lyrosomini 11	Colones 11	*Sphæriles* 11		*Scaphid* 11		"
6	3		Aglyptus 11		*Ptilidæ* 11			Enplectini 11
6	4		Clamb. 9–11					Euaesthetus 11
6	4		Agathidium 11					Hypocyptus 10
6	4			*Coryloph* 11				
6	Het		Anisot. 10–11					
6	5		"			*Habroceri* 11		Megalops 10
6	5	Adelops 11	Choleva 11					
6	5	Pteroloma 11	Silpha 10–11					
6	5	Leptinus 11	*Scydm.* 11					
6	5	*Brathinus* 11						
7	3							Oxytelini 11
7	5							Staphylin 11
7 to 8	Het		*Antennæ Fringed*					Aleoch. 10–11
8	5		*Platypsylla* 10					Omaliini 11

It must be evident from this table how little value for separating series the number of tarsal joints has, for every combination from eight abdominal segments with five tarsal joints, the most primitive known in existing beetles, up to three abdominal segments with three tarsal joints, nearly the most derivative known is included. The number of antennal

[1] In letters, and Ann. N. Y. Acad. Sci. IX, 1897, p. 354.

joints is shown after every name and runs from eleven to two, the latter in the Pselaphids that live with ants. A great variety of forms of antennæ is also indicated and might even be extended, for in one genus of Silphidæ (*Captotrichus*) the antennæ are serrate, and there are variations in the number of joints forming the club and in the compactness of the club that are not indicated.

There are also special characters belonging to many of the groups that are not indicated, as the ocelli of *Brathinus* and Omaliini, the fringed wings of Ptilidæ, the parasitic break-down of many characters in Platypsyllidæ, etc.

The peculiar larval characters of Corylophidæ,[1] Histeridæ, Scaphidiidæ are also omitted; but as an indication of isolation, either in adult or larval characters, I have italicized certain names. Omitting them, the remainder appear to compose two series, Silphoidea and Staphylinoidea, to which the more isolated families are for the present attached as aberrant branches. Handlirsch considered the Histeridæ as an early offshoot from Staphylinoidea; it may be necessary to separate them at least as another series.

MALACODERMATA or CANTHAROIDEA

The Lampyridæ of Leconte, divided into Lycidæ, Lampyridæ, Telephoridæ, Phengodidæ and Drilidæ by more recent authors, possess very primitive characters in their 7-segmented abdomen, 5-jointed tarsi, and broad elytra, not co-adapted to the body, and also pubescent in the more primitive forms. The coxæ and trochanters are of the exaggerated form seen only in primitive beetles, and they have also the soft texture of generalized insects. Brauer's Law might also be invoked to support the primitive character of the Malacodermata in view of the larviform females of some species. With them may be associated the families of Kolbe's series Trichodermata [2] where the texture becomes firmer, the abdominal segments six, and the tarsi even reach the heteromerous condition in *Temnopsophus* and *Corynetes*. The heteromerous tarsi of Othniidæ are therefore no reason why it also should not be included.[1] The antennæ exhibit a wide modification as in the preceding division, being filiform in the lowest forms, serrate in the bulk of the

[1] Since this introduction was written Mr. Schwarz has advised placing Othnius near Pythidæ; the position assigned to Corylophidæ is also seriously questionable.

[2] Handlirsch (p. 1277) inclines to tracing a different line of descent for Trichodermata on account of difference in number of Malpighian vessels.

series and finally clubbed in the most derivative forms. Their modifications in this series illustrate the difficulty of applying Leconte's Serricorn and Clavicorn divisions, for both forms are found in this as in the preceding series.

The larvæ are imperfectly known, but apparently carnivorous, the more primitive families on or in the ground, the higher families in trees, *Corynetes* in hams, etc.

ARCHOSTEMATA or CUPESOIDEA

The first name has been proposed by Kolbe for the small family Cupesidæ, which includes the genus *Cupes* in North America and the genus *Omma* in Australia. They have been placed in Adephaga on account of their cross-veined wings and propleural sutures, but lack the divided first ventral segment. Their 5-segmented abdomen forbids considering them as of equal primitive rank with Adephaga, but their 5-jointed tarsi and filiform antennæ are certainly primitive. Until recently the larva was unknown, but the work of Snyder[1] finally clears up that mystery. To me, in view of the larva greatly resembling primitive Polyphaga like Teredilia, they seem to be the modified survivors of an old polyphagous series, properly placed by Kolbe by themselves, but as indicated by Leconte, near his Serricornia.

TEREDILIA or LYMEXYLOIDEA

The genus *Hylocoetus*, which with *Lymexylon*, composes this small series, seems in many of its characters, extremely like the most primitive beetles. Six ventral segments, five tarsal joints, soft integuments, elongate form, badly adapted, pubescent elytra, are all primitive characters. It has, however, serrate antennæ, large, stout palpi and no ocelli or onychium, and must be a derivative. *Atractocerus*, an exotic form, has short elytra like the Staphylinidæ. Handlirsch dissents totally with Lameere as to Teredilia. *Telegeusis* has been included, on account of a verbal communication regarding its genitalia, but as a family, Telegeusidæ, on account of its otherwise divergent characters. Micromalthidæ are also included, though some of my friends prefer to attach them to preceding series.

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[1] Record of the Rearing of Cupes concolor (Proc. Ent. Soc. Wash. XV, 1913, pp. 30–31).

MORDELLOIDEA

It is with great hesitation that I propose the interpolation at this point of a series composed of those families possessing heteromerous tarsi and comparatively soft integuments. If, however, the elongate body, 6-segmented abdomen, elytra poorly co-adapted to the body and pubescent, claws with appendage, have any phylogenetic meaning their combination in Cephaloidæ must indicate that family as one of the most primitive ones, while the larvæ of Mordellidæ and Oedemeridæ seem to tell a similar story. I have already mentioned the conclusion of Sharp and Muir from study of genitalia, *viz*: that such families must be separated from the Tenebrionidæ; and I can see no better place for them than one following (on account of their more derivative tarsi) the other soft beetles. The publication of Dr. Böving's larval studies may, however, supply more information. In some of the families here included the modification of some structures seems to have been very great, as in the overlapping elytra of *Meloe* for example; and these modifications, like others that have been noticed, are correlated with parasitic habits. An extraordinary multiplicity of specific differences also, as usual, mark some of the higher genera, like *Anthicus;* but in spite of such difficulties I hope this union of families into a series or possibly two series if Meloidæ requires greater separation may prove correct.

STERNOXIA or ELATEROIDEA

This series seems to have met with considerable approval. I had at first separated Buprestidæ on account of their distinctive larval characters, but the *Rhaeboscelis* larva discovered by Weiss and Nicolay is intermediate and perhaps Cebrionidæ should also be withdrawn for similar reason. The prolongation of the prosternum seems, however, to warrant keeping the series intact.

MACRODACTYLIA or DRYOPOIDEA

This series seems to be naturally defined by the extraordinary development of the claws. Its elements are not greatly disputed, but forms like *Placonycha* can only be placed with certainty by knowing the larva.

DASCILLOIDEA

Closely connected with Macrodactylia through the larval resemblance of *Psephenus* and *Placonycha*, the component parts of Leconte's family Dascillidæ seem to indicate several modified survivals of an ancient group, from which possibly the Phytophaga may have also originated. Their aquatic habits seem like an inheritance from primitive ancestors, but they have acquired a higher degree of specialization than many other of Leconte's Serricorns. Some of the genera now included in Dascillidæ may have to be removed therefrom when the larvæ are better known.

BYRRHOIDEA

Byrrhidæ and Dermestidæ are here drawn together with Byturidæ as an offshoot, apparently by its lobed tarsi of most primitive character. Taken collectively, they seem to have preserved more primitive characters than most of Leconte's clavicorn series and should therefore precede the more derivative Clavicornia.

BOSTRICHOIDEA

Leconte's family Ptinidæ, divided into several sub-families by him that have since been raised to families, constitutes the bulk of this series, with Sphindidæ and Cisidæ added though the Sphindidæ may also be related to the next series. The antennæ in the primitive forms are filiform, but rapidly become clavate; this series, like the last, refuses to be classified by the antennal characters.

CLAVICORNIA or CUCUJOIDEA

This series is copied from Ganglbauer, but with Byrrhoidea and Coccinellidæ removed. Some of my friends advocate including Byturus on account of its close relation to Mycetophagidæ. It is still very heterogeneous and requires more study. It seems to me to unite, without a sufficient bond, the remnants of several ancient groups; but no one has yet succeeded in detecting their characteristics. Handlirsch separates the family Cucujidæ as a separate series.

COCCINELLOIDEA

It is with the hope that Verhoeff is partly right in claiming a special place for this family that I have separated them. The phytophagous-like larva of *Hyperaspis* as described by Böving,[1] the extraordinary larvæ of the other genera, seem to justify this course, as well as the adult characters. Handlirsch (p. 1277) suggests their having become separated from Clavicornia at a very early period.

TENEBRIONOIDEA

This series restricted to Cistelidæ, Monommidæ, Lagriidæ, Tenebrionidæ and part of the Melandryidæ, seems fairly consistent, all having the margins of the ventral segments semi-membranous. Like the Clavicornia, the differences in the larvæ seem to indicate more than one origin if their descent could be completely traced. The position here assigned to Tenebrionoidea is relatively high among the series as the result of adopting Sharp and Muir's views as to the significance of the characters they found in the genitalia. If the differences between the genitalia of Mordelloidea and Tenebrionoidea should prove to be only progressive modifications of a single type, as is possible, the position of Tenebrionoidea might be altered, to follow that of Mordelloidea, Cephaloidæ and Oedemeridæ forming a connecting link. Larval resemblances when worked out, may determine this point.

LAMELLICORNIA or SCARABÆOIDEA

Have been discussed above. Handlirsch is singularly silent as to the rank of this series, possibly from disagreement with Ganglbauer. Troginæ may probably require elevation to family rank, as indicated in conspectus on page 38.

PHYTOPHAGA or CERAMBYCOIDEA

Here there seems to have been a modification of the palpi from an enlarged last joint to a partial atrophy, quite the reverse of that observed in previous series and possibly the result of their plant-eating

[1] A Generic Synopsis of Coccinellid Larvæ, etc. (Proc. U. S. Nat. Mus. LI, 1917, pp. 621–650).

habits. They have been commonly divided into Cerambycidæ, Bruchidæ and Chrysomelidæ, but the last division should probably be much subdivided, in harmony with the habits and character of the larvæ. Handlirsch (p. 1279) says there have been at least three lines of descent.

RHYNCHOPHORA

Have been lately discussed in the "Rhynchophora of N. E. America." I have only to add a reference to Dr. Sharp's studies [1] by which *Ithycerus* is shown to belong to the family Belidæ; and Dr. Pierce's recent studies,[2] with which I cannot agree in some points, especially in the transfer of Scolytidæ from Rhynchophora to Phytophaga on the basis of tarsal characters, which have been discussed at length above. The characters developed by Leconte, the rigid palpi and the single gular suture, seem to me to exceed in importance both tarsal and beak characters. The union of Phytophaga and Rhynchophora into a single series has frequently been proposed, but there are weighty reasons against doing so; I am free to say that one of the results of my study has been to discourage all such forced unions and to seek the true lines of descent by isolating aberrant forms. It is quite likely that the resemblance of *Choragus* to the Cryptocephalini, of other Anthribids to the Bruchidæ and of certain Cossonids to Clavicornia, indicates more than one line of ancestry for the Rhynchophora; it may also be urged that the resemblance between certain Scolytids and the Bostrichidæ is the result of convergence following similar habits.

CONCLUSION

Such matters, however, are outside the domain of the present essay. My object has been to study the phylogeny of the Coleoptera sufficiently to arrange the families as they exist at the present time, substantially in accordance with their relative degree of derivation from the primitive beetles. And even if it could be conclusively shown that Rhynchophora were descended entirely from Phytophaga, and they in turn from Dascilloidea, which I do not believe, it would not justify a corresponding arrangement of the catalogue. So far from being conclusively shown are such speculations regarding the origin of Rhynchophora, and the

[1] Journ. N. Y. Ent. Soc. 1918, pp. 215–218.
[2] Proc. U. S. N. M. LI, 1916, pp. 461–464.

haplogastral resemblance of Staphylinidæ and Lamellicornia urged by Kolbe, that authors are not even agreed upon the origin of the order Coleoptera. While the study of phylogeny is of absorbing interest, carrying us back far beyond historical or even glacial times, for Lyell [1] speaks, perhaps in error, of beetles in the Carboniferous Epoch, it may never, from the scarcity of early fossil insects, have enough facts to prove or disprove some of the extreme views that have been advanced. Disregarding them the phylogenetic consideration of the modifications of beetle structure, as given by Lameere, Ganglbauer and Kolbe and analyzed by Gahan, seems to warrant the few changes in the Leconte classification that I have adopted.

My final conclusion is, that bearing in mind the speculative character of the phylogeny of the Coleoptera, and the failure of any theory thus far advanced to reconcile all the facts of larval, adult and fossil studies, it would be premature to base any radical changes in Leconte's classification thereon. The division of the order by recognition of the Adephaga as a sub-order seems to have become established since Dr. Leconte's time; but the inclusion in Adephaga of Rhysodidæ and Cupesidæ on the basis of venation and propleural sutures is forbidden by every other character we have considered. The division of the remainder of the Coleoptera into more series than Leconte contemplated seems also to be justified; and the arrangement of these series in such sequence as their phylogenetic rank suggests seems, though still somewhat open to argument, better than one based on the assumed importance of tarsi, antennæ or any other separate structure, or even partial combination of structures. Acting upon these ideas I have altered the place assigned by Dr. Leconte to the heteromerous series and reversed the relative position of his serricorn and clavicorn families, because I believe the latter are plainly the more derivative. Some minor changes, as in family names and division of families, have been made to harmonize our list with recent European research, but these do not affect the main principles of the classification. The net result is given below in a conspectus of families.

In closing these remarks, intended to explain as well as I can the reasons for making some changes that seemed unavoidable, I wish to express my appreciation of the kindness of some friends, especially Wm. T. Davis and Andrew J. Mutchler, who have frequently discussed the matters involved, and E. A. Schwarz and Herbert S. Barber, whose criticism of my first results, and communication of unpublished larval

[1] Elements of Geology, 1868, p. 494.

studies, were of prime assistance. The criticisms of Dr. Joseph Bequaert and Mr. Charles Schaeffer, while my remarks were under discussion at meetings of the New York Entomological Society, also saved me from some errors. Finally, Dr. Frank E. Lutz has been good enough to read the Mss. from the standpoint of general biology and evolution, and Dr. Adam Böving has, with great generosity, told me of some results of his deep studies of the larvæ of Coleoptera, in advance of his own publication thereof, thereby enabling me to indicate some, at least, of the points of difference.

CONSPECTUS OF FAMILIES OF COLEOPTERA

Following Leconte Classification, modified to accord with recent phylogenetic studies, and embodying changes in family names required by priority:

Sub-order **ADEPHAGA**

Caraboidea: 1. Cicindelidæ, 2. Carabidæ, 3. Amphizoidæ, 4. Omophronidæ, 5. Haliplidæ, 6. Dytiscidæ.

Gyrinoidea: 7. Gyrinidæ.

Sub-order **POLYPHAGA**

Hydrophiloidea: (= *Palpicornia*) 8. Hydrophilidæ (including *Hydroscaphinæ*).

(*STAPHYLINIFORMIA* or *BRACHELYTRA* auct.).

Silphoidea: 9. Platypsyllidæ (= *Acreioptera* Westw.), 10. Brathinidæ, 11. Leptinidæ, 12. Silphidæ, 13. Clambidæ, 14. Scydmaenidæ, 15. Orthoperidæ? (= *Corylophidæ*).

Staphylinoidea: 16. Staphylinidæ, 17. Pselaphidæ, 18. Clavigeridæ, 19. Ptilidæ? (= *Trichopterygidæ*), 20. Scaphidiidæ, 21. Sphaeritidæ, 22. Sphaeriidæ, 23. Histeridæ?

(*POLYFORMIA* auct.) (*SERRICORNIA* in part).

Cantharoidea: 24. Lycidæ, 25. Lampyridæ, 26. Phengodidæ, 27. Cantharidæ, 28. Melyridæ (= *Malachiidæ*), 29. Cleridæ, 30. Corynetidæ.

Lymexyloidea: ? = (*Teredilia*) 31. Telegeusidæ? 32. Lymexylidæ, 33. Micromalthidæ?

Cupesoidea (= *Archostemata*) 34. Cupesidæ.

Mordelloidea: ? 35. Cephaloidæ? 36. Oedemeridæ? 37. Mordellidæ, 38. Rhipiphoridæ, 39. Meloidæ? 40. Eurystethidæ (= *Aegialitidæ*), 41. Othniidæ, 42. Pythidæ, 43. Pyrochroidæ, 44. Pedilidæ, 45. Anthicidæ, 46. Euglenidæ (= *Xylophilidæ*).

Elateroidea: (= *Sternoxia*) 47. Cerophytidæ, 48. Cebrionidæ, 49. Plastoceridæ, 50. Rhipiceridæ, 51. Elateridæ, 52. Eucnemidæ, 53. Throscidæ (or *Trixagidæ*), 54. Buprestidæ.

Dryopoidea: 55. Psephenidæ? 56. Dryopidæ (= *Parnidæ*), 57. Elmidæ, 58. Heteroceridæ, 59. Georyssidæ.

Dascilloidea: 60. Dascillidæ, 61, Eucinetidæ, 62. Helodidæ (or *Cyphonidæ*).

Byrrhoidea: 63. Chelonaridæ, 64. Dermestidæ, 65. Byrrhidæ, 66. Nosodendridæ.

(*CLAVICORNIA* auct.).

Rhysodoidea: ? 67. Rhysodidæ?

Cucujoidea: 68. Ostomidæ? (= *Trogositidæ*, *Temnochilidæ*), 69. Nitidulidæ, 70. Rhizophagidæ, 71. Monotomidæ, 72. Cucujidæ, 73. Erotylidæ, 74. Derodontidæ? 75. Cryptophagidæ, 76. Byturidæ, 77. Mycetophagidæ, 78. Colydiidæ, 79. Murmidiidæ, 80. Monoedidæ (= *Adimeridæ*), 81. Lathridiidæ, 82. Mycetæidæ, 83. Endomychidæ, 84. Phalacridæ, 85. Coccinellidæ (= *Eleutheresiphona*).

Tenebrionoidea: ? 86. Alleculidæ (= *Cistelidæ*), 87. Tenebrionidæ, 88. Lagriidæ, 89. Monommidæ, 90. Melandryidæ?

Bostrichoidea: 91. Ptinidæ, 92. Anobiidæ, 93. Bostrichidæ, 94. Lyctidæ, 95. Sphindidæ? 96. Cisidæ.

(*LAMELLICORNIA* auct.).

Scarabæoidea: 97. Scarabæidæ, 98. Trogidæ, 97. Lucanidæ, 100. Passalidæ.

(*PHYTOPHAGA* auct.).

Cerambycoidea: 101. Cerambycidæ, 102. Chrysomelidæ, 103. Mylabridæ (= *Bruchidæ*).

(*RHYNCHOPHORA* auct.).

Brentoidea: 104. Brentidæ.

Curculionoidea: 105. Belidæ (*Ithycerus*), 106. Platystomidæ (= *Anthribidæ*), 107. Curculionidæ.

Scolytoidea: 108. Platypidæ, 109. Scolytidæ.

The family Stylopidæ (of previous lists) is here regarded as an order, Strepsiptera, and is treated in an appendix.

Certain changes were made in this coospectus after Mr. E. A. Schwarz had read the galley proof, whereby the position of Othniidæ and Byturidæ was altered and Trogidæ was raised to family rank. The serial numbering had however, been completed so that it was not practicable to make corresponding changes therein. The position of other families has also been criticized as well as the composition of the Mordelloidea and Tenebrionoidea; such comments by Mr. Schwarz, Dr. Böving and other friends are indicated by ? after the name. The conspectus thus shows some of the uncertainties that still remain in the classification of Coleoptera as well as the progress that has been made.

ADEPHAGA

CARABOIDEA

CICINDELIDÆ

Lec. 57; Schaupp 83; Csy. 97, 09, 14, 16; Leng 02; W. Horn 08, 10, 15; Harris 11; Schffr. 18.

MEGACEPHALINI—OMINA

Amblycheila Say 23–139
(*Chaleposomus* Chd. 60–337)
(*Amblychila*‡ auct.)

1. cylindriformis Say 23–139 Kan. Col.
a. picolominii Rche. 39–560 Ariz [N.Mex.
2. baroni Riv. 90–111 Ariz.
enodis Csy. 16–5 Ariz.
a. longipes Csy. 09–253 Ariz.
3. schwarzi W. H. 03–196 Ariz. Utah
picolominii‡ Riv. 93–219.

Omus Esch. 29–3
(*Megomus* Csy. 14–1)

4. dejeani Rche. 38–299 B.C.Or.Mont.
a. foveatus Csy. 16–7
b. robustus Csy. 16–8

(*Omus* s. str. Csy. 14–1)

*

5. audouini Rche. 38–300 B.C.-No. Cal.
a. rugipennis Csy. 14–3 No. Cal.
b. brevicornis Csy. 16–8 Humb.Co.Cal.
c. æquicornis Csy. 16–9 Jos. Co. Or.
d. delicatulus Csy. 16–9 Or.
e. tacomæ Csy. 16–9 Wash.
f. distans Csy. 16–10 Wash.
6. parvulus Csy. 14–3 Or.
7. ambiguus Scbp. 83–121 Shas.Co. Cal.
a. solidulus Csy. 14–3 Sisk.Co. Cal.
b. humeralis Csy. 16–10 Humb.Co.Cal.
8. humeroplanatus W. H. 13–351 Shas.Co. Cal.
9. angusto-cylindricus W. H. 13–348
cylindricus Csy. 14–4 [Las.Co. Cal.
10. shastanicus Csy. 16–11 Shas.Co. Cal.
a. cephalicus Csy. 16–11 Shas.Co. Cal.
b. tenuiculus Csy. 16–12 Shas.Co. Cal.
11. thoracicus Csy. 16–11 Klam.Co. Or.

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12. californicus Esch. 29–3 Cal.
hornianus W. H. 92–91 Cal.
? xanti Lec. 59–69 Ft.Tejon, Cal.
a vermiculatus Csy. 14–5 Cal.
b. latipennis Csy. 16–13 Cal.
c. sculptilis Csy. 97–289 Cal.
d. opacipennis Csy. 16–13 Cal.
13. mimus Csy. 09–256 Cal.
a. semilucens Csy. 16–12 Cal.
b. diminuens Csy. 16–13 Cal.
14. oregonensis Csy. 14–15 Jos.Co. Or.
mimus ‡ W. H. 10–293
15. cupreonitens B. & R. 17–49 Humb.Co.Cal.
vandykei ‡ auct. nec W. H.
16. vandykei W. H. 03–185 Or.

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17. edwardsi Cr. 74–73 Plac.Co. Cal.
a. lobatus Csy. 09–261 Plac.Co. Cal.
lucidicollis Csy. 09–262 Plac.Co. Cal.
18. montanus Csy. 97–289 Plac.Co. Cal.
a. brunnescens Csy. 09–262 Plac.Co. Cal.

Omus Esch.

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19. intermedius Leng 02–100 Mari.Co. Cal.
a. blaisdelli Csy. 09–260 Cala.Co. Cal.
b. cribripennis Csy. 09–261 Eldo Co. Cal.
20. parvicollis Csy. 09–260 Tul.Co. Cal.
a. procerus Csy. 09–259 Tul.Co. Cal.
b. spissipes Csy. 14–8 Tul.Co. Cal.
c. ovipennis Csy. 16–14 Tul.Co. Cal.

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21. lecontei Horn 72–143 Mont.Co. Cal.
a. elongatus Csy. 97–289 Cal.
b. dunni Csy. 09–258 Cal.
c. regularis Csy. 09–258 Cal.
d. maritimus Csy. 09–258 Mont.Co. Cal.
22. fuchsi W. H. 03–188 Mont.Co. Cal.
23. lacertus Csy. 16–15 Mont.Co. Cal.
24. borealis Csy. 09–256 Or.
a. intermedio-pronotalis W. H. 13–346
pronotalis Csy. 14–10 [Plum.Co.Cal.
b. nunenmacheri W. H. 13–347 Las. Co. Cal.

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25. sequoiarum Cr. 74–73 Cala.Co. Cal.
a. lugubris Csy. 97–289 Cal.
b. sierracola Csy. 97–289 Cala.Co. Cal.
c. longitarsis Csy 14–12 Cala.Co. Cal.
26. fraterculus Csy. 09–263 Plac.Co. Cal.
27. punctifrons Csy. 97–289 Sier. Co. Cal.
a. degener Csy. 09–263 Sier. Co. Cal.
b. confluens Csy. 97–289 Cal.
28. laticollis Csy. 16–16 Tuol.Co. Cal.
29. temperatus Csy. 14–15 Tuol.Co. Cal.
a. difficilis Csy. 16–17 Mari.Co. Cal.
b. mariposæ Csy. 16–17 Mari.Co. Cal.
c. sparsellus Csy. 16–18 Mari.Co. Cal.
30. subsericeus Csy. 16–18 Tul. Co. Cal.
31. collaris Csy. 09–265 Mari.Co. Cal.
a. antennalis Csy. 16–19 Mari.Co. Cal.
b. trapezicollis Csy. 16–19 Mari.Co. Cal.
c. erraticus Csy. 16–20 Tuol.Co. Cal.
32. horni Lec. 75–157 Mari.Co. Cal.
a. punctatus Csy. 16–23 Tuol.Co. Cal.
b. propinquus Csy. 16–21 Mari.Co. Cal.
c. asperatus Csy. 16–22 Tuol.Co. Cal.
d. sinuosus Csy. 16–23 Mari.Co. Cal.
e. granosus Csy. 16–22 Mari.Co. Cal.
f. compositus Csy. 09–265 Mari.Co. Cal.
g. farctus Csy. 16–23 Mari.Co. Cal.
h. brevis Csy. 16–21 Tuol.Co. Cal.
33. marginalis Csy. 16–24 Tuol.Co. Cal.

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34. lævis Horn 66–394 Tul.Co. Cal.
a. peropacus Csy. 16–25 Tul.Co. Cal.
35. tularensis Csy. 09–265 Fres.Co. Cal
a. gracilior Csy. 09–266 Tul.Co. Cal.
b. opacellus Csy. 14–16 Tul.Co. Cal.
c. remissus Csy. 16–25 Tul.Co. Cal.

(*Leptomus* Csy. 14–1)

36. submetallicus Horn 68–129 Cal. Or. ?

MEGACEPHALINI — (MEGACEPHALINA)

Tetracha Hope 38–6

37. carolina (L.) 66–657 — Va. Fla. Tex.
carolinensis (Latr.) 06–175
a. mexicana (Gray) 32–263 — N.Mex. Cal.

Tetracha Hope

b. floridana Leng 16–688 — So.Fla.
38. virginica (L.) 66–657 — L.S.Fla.Colo.
virginata (L.) 88–1922 — Tex. [Ind.

CICINDELINI

Cicindela L. 58–407 [1]

1.

39. formosa Say 17–19 — Tex.-Ia. Id.
luxuriosa Csy. 13–24 — Colo.
a. manitoba Leng. 02–137 — Man.
b. generosa Dej. 31–231 — Me.-W.Va.-Ia. [Ind.
latecincta Lec. i. litt. — O.Kan.Neb.
40. lengi W. H. 08–738 — Dak.-N.Mex.
venusta || Lec. 48–179
versuta Csy. 13–24 — Man. Alb.
gracilenta Csy. 13–25 — Mont.
41. limbata Say 23–141 — Man.Neb.Col.
limbigera G. & H. 68–20
a. nympha Csy. 13–20 — Man. Sask.
b. hyperborea Lec. 63–1 — H.B.T.
42. purpurea Oliv. 90–14; marginalis Fab. 01–240; ramosa Melsh. i. litt.; superba Dahl i. litt. — N.E.U.S.Can. Ind. B.C. Que. N.Eng. N.Y. N.J.Pa.Md. Va.Ill.Wis. N.C.Ky.Ten. Kan.Dak.Mch.
spreta Lec. 57–37 — N. Y. [N.Mex.Colo.
a. auduboni Lec. 45–207 — Sask.Ill.-Alb. [Or.Alb.Ut.
b. graminea Schp. 83–89 ex parte — Colo.Kan.
auguralis Csy. 13–21 — Colo.
c. pugetana Csy. 14–20 — B.C.
limbalis‡ Lec. 56
inducta Csy. 13–22 — Colo.
d. nigerrima Leng. 18–139 — Alb.Kan.Ill.
auduboni || Lec. 57–37
43. lauta Csy. 97–296 — Wash.-Cal.
franciscana Csy. 13–23 — Cal.
a. mirabilis Csy. 14–358 — Cal.
graminea Schp. 83–89 ex parte
44. splendida Hentz 30–254 — N.Y.N.C.Col.
discus Klug 34–23 — Kan.Neb.La.
a. transversa Leng 02–131 — Me.N.J.Ga. [Kan.
b. denverensis Csy. 97–297 — Colo.Kan.Neb. [Dak.
graminea‡ Csy. 13–21
conquisita Csy. 14–357 — Neb.
oreada Csy. 14–358 — Neb.
c. ludoviciana Leng. 02–131 — La. [N.Mex.O.
45. limbalis Klug. 34–29 — Nfld.Alb.Sask.
a. amoena Lec. 48–177 — Kan.Neb.
splendida‡ Lec.‡ 57–36
awemeana Csy. 13–23 — Man.
eldorensis Csy. 13–23 — Colo.
b. spreta Lec. 48–177 — Me.

Cicindela L.

46. cimarrona Lec. 68–49 — N.Mex.Colo.
ardelio Csy. 13–21 — N.Mex.
47. decemnotata Say. 17–19 — Alas.Wy.Alb.
albertina Csy. 13–24 — Alb.
a. lantzi E. D. H. 13–68 — Colo. [N.Y.Ind
48. ancocisconensis Harr. 52–1 — N.H.W.Va.Ill.
catherina Harr. i. litt.
dowiana Csy. 14–23 — N.Y.
carolinæ Csy. 16–28 — N.C.
erjensis Csy. 16–29 — N.Y.
49. duodecimguttata Dej. 25–73 — Nfld. Sask.Ga. Mich. Tex.
hudsonica Csy. 16–29 — H.B.T. [Ind.
proteus Kby. 37–9 — H.B.T.
bucolica Csy. 13–28 — Man.
sterope Csy. 13–28 — Kan.
50. repanda Dej. 25–74 — Que.Sask.Ga. N.Mex.Or. Mich.
hirticollis Gould 34–49 — Ind.
baltimorensis Lec. 57–43
a. unijuncta Csy. 97–299 — El Paso, Tex.
51. hirticollis Say 17–20 — Que.Sask.Fla. Tex.Mich.
interpunctata Melsh. i. litt. — Ind.
albohirta Dej. 26–425
dejeani Lec. i. litt.
humeralis Lec. i. litt.
unita Kollar 36–330
hydropica Dup. i. litt.
a. ponderosa Thoms. 59. 89 — Mex.(U.S?)
b. rhodensis Calder 16–93 — R.I.Mass.L.I.
nigrita || Dav. 03–273
c. abrupta Csy. 13–31 — Cal.
d. gravida Lec. 51–170 — Cal.
e. shermani Csy. 16–30 — Mich.
52. latesignata Lec. 51–172 — So. Cal.
a. obliviosa Csy. 13–7 — So. Cal.
tenuicincta ‡ Blaisd. 92–47 — So. Cal.
53. tranquebarica Hbst. 06–178 — Que.Wis.S.C. Kan.
vulgaris Say 18–409 — Ind. Mich.
obliquata Dej. 25–72
turbulenta Csy. 13–25 — Miss.
wichitana Csy. 14–21 — Kan.
a. lassenica Csy. 14–22 — Cal.
b. minor Leng 10–80 — N.C. La.
vulgaris-minor E.D.H. 11–18
crinifrons Csy. 13–9 — N.C.
c. horiconensis Leng 02–145 — Nfld. N.Y.
d. borealis E.D.H. 11–19 — B.C. Wash.
e. kirbyi Lec. 66–362 — Wis.-B.C.
obliquata || Kby. 37–10 — [N.Mex.

[1] This list follows that of Dr. Walther Horn in Gen. Ins. fasc. 82C, 1915, in which the names are arranged in four grades. The first and second of these are here marked species, the third as varieties. Those of the fourth grade are unnumbered, but are not to be understood as synonyms, since each usually indicates some difference that (to its author) appeared to require a name. The compiler has prepared a statement for publication explaining the reasons for certain changes that have been made. Names proposed since 1915 are interpolated, as nearly as possible, in harmony with Dr. Horn's system.

Cicindela L

f. admiscens Csy. 13–8 N.Mex.
?diffracta Csy. 09–273 N.Mex.
54. sierra Leng 02–144 Cal.
55. vibex Horn 66–395 B.C.Wash.Or.
roguensis E.D.H. 01–226
parallelonota Csy. 14–21 Nev.
a. viridissima Fall 10–89 So. Cal.
b. inyo Fall 17–106 So. Cal.
c. owena Fall 17–106 So. Cal.
d. moapana Csy. 14–22 Nev.
56. plutonica Csy. 97–296 Or. (Nev?)
57. tenuicincta Schp. 83–122 Ut.
58. bellissima Leng 02–116 Or.
hyperborea ‡ Horn 66–397
59. longilabris Say 24–268 Alas.Nfld.
albilabris Kby. 37–12 Cal.N.Mex.
Wash.N.S.
Can.Me.N.H.
N.Y.Ill.
Wis.Mich.
Dak.Colo.Ut.
a. novaterræ Leng 18–140 Nfld.
b. montana Lec. 61–338 Id.Wy.Ut.
Man.Sask.
Mont.Alb.
canadensis Csy. 13–17 Alb.
c. nebraskana Csy. 09–268 Neb.Wy.
calgaryana Csy. 14–18 Alb.
d. vestalia Leng 02–121 Mont.Alb.
e. spissitarsis Csy. 13–18 Man. [B.C.
f. oslari Leng 02–121 Wash.Ariz.
Colo.B.C.Nev.
Id.
g. laurenti Schp. 83–87 Colo.(N.Mex.
h. perviridis Schp. 83–87 Cal. [Ut.?)
ostenta Csy. 13–17
placerensis Csy. 13–18
60. eureka Fall 01–307 No.Cal.Or.
61. oregona Lec. 57–41 Wash.Nev.
Cal.Or.Alas.
Mont.Ut.Id.
B.C.
senilis ‡ Csy. 97–297
sonoma Csy. 13–29 Cal.
quadripennis Csy. 13–30 Nev.
ovalipennis Csy. 13–30 Nev.
a. guttifera Lec. 57–42 Colo.N.Mex.
audax Csy. 13–29 Colo.
b. maricopa Leng 02–147 Ariz.
62. depressula Csy. 97–297 Cal.Wash.
a. scapularis Csy. 09–272 Cal.
63. senilis Horn 66–395 Cal.
exoleta Csy. 09–272 Cal.
64. willistoni Lec. 79–507 Wy.
a. echo Csy. 97–298 Ut.Nev.
amadeensis Csy. 09–272 Cal.
b. pseudosenilis W. H. 00–217 So. Cal.
65. fulgida Say 23–141 Col.Man.Wy.
N.Mex.Neb.
Kan.
a. parowana Wickh. 05–165 S.W.Utah
66. pulchra Say 23–142 Colo.Kan.Tex.
67. pimeriana Lec. 66–363 Ariz. [N.Mex.
viatica || Lec. 57–62
cochisensis Csy. 09–274 Ariz.
68. scutellaris Say 23–140 Wy.Ark.Okla.
a. lecontei Hald. 53–361 Ind.Ont.-Neb.
b. criddlei Csy. 13–6 Man. [Kan.
c. rugifrons Dej. 25–51 Mass. N.C.

Cicindela L

denticulata Harr. i. litt.
oberleitneri Gistl. 37–55
varians Harr. i. litt.
mutans Harr. i. litt.
variata Harr. i. litt.
d. carolina E. D. H. 11–28 Va.-Fla.
e. unicolor Dej. 25–52 N.C.-Fla.-Tex.
f. nigrior Schp. 83–87 Ala. Ga. Fla.
g. modesta Dej. 25–52 R.I.-N.C.
obscura || Say 17–418

II.

69. sexguttata Fab. 75–226 Nfld.-N.Mex.
guttata Emmons 54. 35 [Ind.
thalassima Dej. i. litt.
varians Ljungh 99–147
quadriguttata Dav. 03–271 Que.-Tex.
a. levettei Csy. 09–270 Ia. La.
tridens Csy. 09–271 Kan. Neb.
b. violacea Fab. 01–232 Neb. Kan.
c. harrisi Leng 02–128 Can.Me.-N.C.
Ga.
70. patruela Dej. 25–62 R.I.N.Y.Ga.
Mich.Ind.
montana Hentz i. litt.
a. consentanea Dej. 25–63 L.I.N.Y.N.J.
Pa.

III.

71. nigrocœrulea Lec. 48–181 Colo. Tex.
Ariz.N.Mex.
robusta Leng 02–124 Tex.
feminalis Csy. 09–269 Colo.
triplicans Csy. 09–270 Colo.
velutoidea Csy. 09–270 (Colo.?)
a. snowi Csy. 09–269 Ariz.
b. bowditchi Leng 02–124 Colo.
72. horni Schp. 83–80 Ariz. Tex.
anthracina || Horn 80–139
a. ritteri Bates 90–496 Ariz.Tex.Mex.
73. obsoleta Say 23–143 N.Mex. Tex.
Colo. Kan.
a. vulturina Lec. 53–439 Tex.
b. prasina Lec. 57–31 Kan. Tex.
N.Mex.
c. santaclaræ Bates 90–493 N.Mex. Ariz.
Kan.
d. anita Dow 11–271 N.Mex. Colo.
Kan.
e. juvenilis W. H. 97–169 So.Ariz.Mex.
74. punctulata Oliv. 90–27 Me.-Ariz.
micans Fab. 98–61 Can.Wis.Fla.
obscura Melsh. 06–46 Ind. Mich.
jenisoni Gistl. 37–55
boulderensis Csy. 09–271 Colo.
prolixa Csy. 16–33 Colo.
fontinaria Csy. 16–33 N.Mex.
a. chihuahuæ Bates 90–500 (?Kan.) Ariz.
micans ‡ Say 18–426 [Mex.N.Mex.
75. tenuisignata Lec. 51–171 Ariz. So.Cal.
Tex. Mex.
psilogramma Bates 90–507 Mex.
76. severa Laf. 41–41 Ala. La. Tex.
Fla. N.Mex.
77. striga Lec. 75–160 Fla.

V.

78. lemniscata Lec. 54–220 Tex.-So.Cal.
obscura Hoege i. litt. Mex.

VI.

79. abdominalis Fab. 01. 237 L.I. N.Y. Fla.
[La.

Cicindela L.

faceta Csy. 13–38 ? N.J.
ventralis Newn. 38–414 Fla.
a. scabrosa Schp. 83–84 Fla.
extenuata Csy. 13–38 Fla.
80. politula Lec. 75–159 Tex. Mex.
cribrum Csy. 13–39 Tex.
81. rufiventris Dej. 25–102 Miss. Tex.N.J. Ala.N.C.Ky. Ga.Ind.Pa. Md.Va.W.Va. Ala.
collusor Csy. 13–39
a. cumatilis Lec. 51–173 Ala. Tex. La.
guexiana Chev. 52–419 [Ky.
b. hentzi Dej. 31–248 Mass. (Pa.
hæmorrhoidalis || Harr. 28–91 [Csy.)
erythrogaster Harr. i. litt.
82. sedecimpunctata Klug 34–32 Tex. Ariz.
rubriventris Chev. 35–101 Mex. [N.Mex.
ventanasa Bates 90–503 Mex.
sonorana Csy. 13–40 Ariz. N.Mex.
83. flavopunctata Chev. 34–28 Mex.(not U.S.)
a. rectilatera Chd. 43–693 Tex. Mex.
decostigma Lec. 57–54
texana Lec. i. litt.
84. marginipennis Dej. 31–260 N.Y. Pa. O.
85. roseiventris Chev. 34–29 Mex. (not
a. tascosaensis Davis 18–34 Tex. [U.S.)
86. carthagena Dej. 31. 229 Mex. L.Cal.
a. hentziana Leng 18–139
hentzi ‡ Horn 94–307 L.Cal. Ut.
b. ?woodgatei Csy. 13–40 N.Mex.
c. hæmorrhagica Lec. 51–171 Ut.-So.Cal. Wy. Or.
d. bisignata Dokh. 83–12 So.Cal. Ut.
e. pacifica Schp. 83–84 So.Cal. Nev.
f. arizonæ Wickh. 99–226 Ariz.
87. sommeri Mann. 37–7 Mex.(S.Cal.?)
höpfneri Dej. i. litt.
fusconigra Höpf. i. litt.
ruricola Gistl. 37–28
ferrugata Putz. 45–366

VII.

88. arizonensis Bates 84–260 Mex. Ariz.
viridisticta ‡ Schp. 83–103
89. wickhami W. H. 03–182 Ariz.
lemnistieta Smyth 08–188

VIII

90 debilis Bates 90–509 Mex. (U.S.?)
a. segnis E. D. H. 13–69 Ariz.
91. celeripes Lec. 48–183 Ill. Okla. Ia. Neb. Kan.
92. cursitans Lec. 57–60 Ill. La. Ia. Neb. Ala.
93. unipunctata Fab. 75–225 N.Y. Ga. Mo.
obsoleta Dej. i. litt. [Ky. Ind.
94. pusilla Say 17–21 Sask. B.C. Cal. Kan. Neb. Tex.
terricola Say 24–269
sayanella Csy. 14–19 Neb.
a. imperfecta Lec. 51–171 Or. Wash.Tex. Cal.Ut.Nev.
b. cinctipennis Lec. 48–182 Sask.Mont. N.Mex.Cal.
c. cyanella Lec. 57–46 Dak.Kan.Cal.
d. lunalonga Schp. 83–122 Cal.

Cicindela L.

d. tuolumnæ Leng 02–157 Cal.
tularensis Csy. 14–19 Cal.
95. schauppi Horn 76–240 Tex. Okla.
96. circumpicta Laf. 41–39 Neb. Tex.
collaris Laf. 41–95 [Ariz.Colo.
johnsoni Fitch 56–487
a. ambiens Csy. 13–33 Kan.
inspiciens Csy. 13–33 Tex.
97. californica Men. 44–52 So.Cal. Mex.
a. prætextata Lec. 54–220 Tex.Ut.Ariz.
fulgoris Csy. 13–34 Tex.
stringens Csy. 13–34 Tex.

IX

98. trifasciata Fab. 81. 286 W.I.
a. tortuosa Lec. 51–172 N.C. Fla. Tex.
ascendens Lec. 51–172 [Mex.
serpens Lec. 51–173
sigmoidea ‡ Chd. 54–113
b. sigmoidea Lec. 51–172 So.Cal.

X.

99. gabbi Horn 66. 395 So.Cal.

XI.

100. chloroccphala Chev. 34–32 Mex. not U.S.
a. smythi E. D. H. 13–67 Tex.

XII.

(*Habroscelimorpha* Dokht. 83–69)

101. dorsalis Say 17–20 Mass. R.I.
signata Dej. 25–124 [N.Y. N.J.
munifica Csy. 13–31 R.I.
semipicta Csy. 97–299 N.J.
a. media Lec. 57–47 Del. Fla.
b. castissima Bates 84–260 Ala.-Tex.
c. saulcyi Guér. 40–37 Tex. Fla.
apricoidea Csy. 13–32 La. Miss.
d. venusta Laf. 41–37 Tex. Ga. Miss.
saulcyi ‡ Schp. 83–99 [Ala.

XIV.

102. pamphila Lec. 73–321 Tex. La.

XV.

(*Ellipsoptera* Dokh. 83–70)

103. hamata Aud.&Br. 39–132 Mex. (U.S.?)
cristofori Chev. 41–15
reichei Chd. 43–689
apicalis Chd. 43–691
a. lacerata Chd. 54–115 Fla.-Tex.
hamata ‡ Horn 76–236
104. marginata Fab. 75–226 Me.-Fla. W.I.
variegata Dej. 25–84
105. blanda Dej. 31–238 Miss. Ala. Ga.
tarsalis Lec. 52–66 [N.C.
106. wapleri Lec. 75–158 La. Miss. Ala.
107. nevadica Lec. 75–159 Nev.
a. knausi Leng 02–166 Neb. Kan.Tex. Colo.N.Mex.
lincolniana Csy. 16–32 Neb.
108. cuprascens Lec. 52–65 Ind. Dak.-Ark. Ky.
amnicola Csy. 13–37 Ky. Ill. Mo.
mundula Csy. 13–37 Miss.
a. maera Lec. 57–50 Ind. Ill. Minn.
mercurialis Csy. 13–36 Ia. [La.
topekana Csy. 16–31 Kan.
b. puritana Horn 71–325 N.H. Mass. Conn. Md.
109. sperata Lec. 57–50 Tex.-So.Cal.
a. marutha Dow 11–272 N.Mex. [Mex.

Cicindela L.
b. rubicunda E. D. H. 11–55 N.Mex.
c. inquisitor Csy. 97–298 Tex.
110. lepida Dej. 31–255 N.J. Ill. Ind. N.Y. N.Mex. Man. Ia. Kan.
insomnis Csy. 13–35 Kan.
111. togata Laf. 41–40 Tex. Ala.
a. fascinans Csy. 14–23 N.Mex.
b. globicollis Csy. 13–35 Kan. Neb.
apicalis || W. H. 97–17 [Colo. Ut.

Cicindela L.
112. gratiosa Guér. 40–37 N.C. Fla. Ala.
a. hirtilabris Lec. 75–161 Fla.

XVI.
(*Dromochorus* Guér. 45–1)
113. pilatei Guér. 45–96 La. Tex.
maga Lec. 75–161
114. belfragei Sallé 77–7 Kan. Tex.
pilatei ‡ Lec. 75–161
sericea Csy. 97–294
pruinina Csy. 97–294

CARABIDÆ

Horn 81

CARABINÆ

Trachypachini

Trachypachus Mots. 45–86
(*Trachypachys* G. & H. 68)
115. inermis Mots. 45–16 Or. Cal. Wash.
holmbergi Mann. 53–119 Alas. B.C. Id. Mont. Nev. Colo.

Trachypachus Mots.
116. gibbsi Lec. 61–339 Or. Id. Cal.

Cychrini

Horn 78; Roeschke 07; Casey 97, 14; Schwarz 95

Scaphinotus Dej. 26–17
(*Scaphinotus* Dej. s. str.)
117. snowi Lec. 81–74 N.Mex.
118. roeschkei Van Dyke 07–135 Ariz.
a. fuchsi Roeschke 07–570 Ariz.
119. vandykei Roeschke 07–136 Ariz.
120. corvus Fall 10–89 Ariz.
121. petersi Roeschke 07–137 Ariz.
122. mexicanus Bates 82–320 Ariz.
123. biedermani Roeschke 07–571 Ariz.
124. kelloggi Dury 12–104 N.Mex.
125. elevatus (Fab.) 87–198 Ct.-Fla.
a. tenebricosus Roeschke 07–141 N.J.-S.C.
tenebrosus ‡ auct.
unicolor Lec. (nec Fab.) 53–398
heros Lec. (nec Harris) 48–440
b. flammeus Hald. 44–54 Ind. O.-Mo.
dilatatus Lec. 53–398
c. floridanus Leng 15–564 Fla.
126. coloradensis Van Dyke 07–141 Colo.
127. unicolor (Fab.) 87–198 Ala. So. St.
a. heros Harr. 39–196 O. Ind.
b. shoemakeri Leng 14–143 D.C.
(*Irichroa* Newn. 38–385)
128. viduus (Dej.) 26–12 Atl. St.
unicolor (Knoch) 01–187
a. irregularis Beut. 03–513 N.C.
b. leonardi Harr. 39–193 N.H.
129. andrewsi Harr. 39–195 N.C. Ga.
a. aeneicollis Beut. 03–513 N.C.
purpuratus Beut. 18–89 N.C.
b. tricarinatus Csy. 14–25 N.C.

Scaphinotus Dej.
c. violaceus Lec. 63–4 Ga.
130. germari Chaud. 61–495 Pa.-Ind.
131. guyoti Lec. 66–363 N.C.
angelli Beut. 18–89 N.C.
132. ridingsi Bland 63–353 Va. D.C.
a. monongahelæ Leng 17–36 Pa.-Tenn.

Nomaretus Lec. 53–399
133. cavicollis Lec. 59–3 Mo.-Tex.
134. bilobus (Say) 25–73 N.Y. Mo.-Minn. L.Sup.
135. fissicollis Lec. 53–399 Ill.-Tex.

Maronetus Csy. 14–30
136. imperfectus (Horn) 60–569 Pa.-N.C.
a. tenuis Csy. 14–31 N.C.
137. hubbardi (Sz.) 95–272 N.C.
138. incompletus (Sz.) 95–271 Va.
139. debilis (Lec.) 53–399 Ga.
a. alpinus (Beut.) 03–512 N.C.
140. schwarzi (Beut.) 13–139 N.C.

Pseudonomaretus Roeschke 07–154
141. merkeli (Horn) 90–71 Id.
a. idahoënsis (Webb) 01–133 Id.
142. relictus (Horn) 81–188 Id. Wash.
a. regularis (Lec.) 85–2 Id. Wash.

Pemphus Mots. 65–312
143. angusticollis (Mann.) 24–46 Asia Alas.-Or.
a. nigripennis Roeschke 07–167 Alas.-Cal.
b. longipes Csy. 97–539 No.Cal.
c. velutinus (Men.) 44–53 Alas. No.Cal.
opacus Csy. 99–97

Brennus Mots. 65–311
144. cordatus (Lec.) 53–399 Cal.
145. marginatus (Fisch.) 22–79 Alas.-Or.
a. insularis Csy. 97–334 B.C.
b. cupripennis Csy. 97–334 Wash.
c. fallax Roeschke 07–174 Or.-Id.
d. confusus Csy. 97–336 Cal.
e. fulleri Horn 78–179 Or.
?gracilis Géhin 85–76 ?
146. interruptus (Men.) 44–54 Cal.
a. compositus Csy. 97–332 Cal.
b. constrictus (Lec.) 53–398 Cal.
corpulentus Csy. 97–331 Cal.
c. integer Csy. 14–29 Cal.
d. dissolutus (Schaum) 63–72 Cal.
e. porcatus Csy. 97–328 Cal.
f. politus Csy. 97–330 Cal.
147. obliquus Lec. 68–61 So.Cal. Cal.
a. convergens Csy. 97–326 Cal.
b. opacicollis Csy. 97–327 Cal.
c. sculptipennis Csy. 97–327 Cal.
148. oreophilus Riv. 90–111 Cal.
a. hoppingi Roeschke 07–183 Cal.
b. riversi Roeschke 07. 183 Cal.
c. humeralis Csy. 14–30 Cal.
149. ventricosus (Dej.) 31–527 Cal.
sinuatus Csy. 97–330 Cal.
striatopunctatus (Lec.) 53–398 Cal.
a. lativentris (Mots.) 50–358 Cal.
strictus Csy. 97–322 Cal.
b. fuchsianus Riv. 90–71 Cal.
150. crenatus (Mots.) 59–161 Cal.
symmetricus Csy. 97–319 Cal.
a. striatus (Lec.) 59–69 So.Cal.
b. gentilis Csy. 97–322 Cal.
c. productus Csy. 14–29 Cal.
151. striatopunctatus (Chd.) 44–476 Cal.
decipiens Csy. 97–316 Cal.
a. alternatus (Mots.) 59–162 Cal.

Brennus Mots.
b. ovalis (Mots.) 59–162 Cal.
152. subtilis (Schaum) 63–72 So.Cal. Cal.
153. punctatus (Lec.) 59–69 So.Cal. Cal.
gravidus Csy. 97–317 Cal.
a. catenulatus Csy. 97–324 Cal.
b. mimus Horn 78–179 So.Cal. Cal.
154. rugiceps Horn 72–143 Or.
a. incipiens Csy. 97–313 N.Cal.
b. congener Csy. 14–28 Or.
155. cristatus (Harr.) 39–200 Or. No.Cal.
a. reticulatus (Mots.) 50–90 Alas. Cal.
b. basalis Csy. 97–311 Alas. Cal.
c. duplicatus Csy. 97–312 Alas. Cal.

Neocychrus Roeschke 07–197
156. angulatus (Harris) 39–200 Vanc.-Or.
157. behrensi Roeschke 07–199 Cal.

Cychrus Fab. 94–440
158. hemphilli Horn 78–184 Ut. Wy.
a. rickseckeri Lec. 84–2 Mont. Id.
159. tuberculatus Harr. 39–200 Vanc. Or.
pustulosus Csy. 05–160

Sphaeroderus Dej. 26–14
160. canadensis Chd. 61–498 Can.-Ga.
palpalis Mots. 65–312
a. blanchardi Leng 16–41 N.H.
161. stenostomus (Web.) 01–43 Pa.-Va.
a. indianæ Blatch. 10–42 W.Va.-Ind.
162. lecontei Dej. 26–14 Ind. Nfld. Can. L.Sup.
a. niagarensis Lap. 32–390 N.Eng.-Wis.
b. diffractus Csy. 14–25 N.B.
163. bicarinatus Lec. 53–399 N.C.-Ga.
164. nitidicollis Chev. 29–24 Nfld.
a. brevoorti Lec. 48–443 Can.-N.Eng.
granulosus Chd. 61–497 H.B.T. [N.Y.
b. schaumi Chd. 61–499 Ohio

CARABINI

Crotch 74; Leconte 78; Casey 97, 13

Carabus L. 67–668
165. vietinghovi Adams 12–170 Alas. H.B.T.
fulgidus Gebl. 25–229 (not Amer.)
166. mæander Fisch. 15–103 Sib. [Sib.
lecontei Gehin 85–26
a. lapelayi Castln. 35–89 N.S. Nfld.
b. hudsonicus Mots. 65–293 H.B.T. [Mich.
c. simoni Heyden 79–165 H.B.T.
d. excostatus Krz. 80–187 H.B.T.
e. excatenatus Krz. 80–187 H.B.T.
167. truncaticollis Esch. 29–22 Sib. Alas.
168. chamissonis Fisch. 20–88 Alas. [(Cal.?)
brachyderus Wiedem. 21–110
a. groenlandicus Dej. 31–554 Greenland Lab. N.H. H.B.T.
169. taedatus Fab. 01–104 Alas.
baccivorus Fisch. 20–87 Alas.
seriatus Wiedem. 21–109 Alas.
a. gladiator Mots. 65–285 H.B.T.
b. bicolor Walker 66–313 Vanc.
c. oregonensis Lec. 54–16 Or.
d. franciscanus Csy. 13–58 Cal.
e. montanicus Csy. 13–58 Id.
f. agassii Lec. 50–209 L.Sup.

Carabus L.
g. canadicus Roeschke 00–70 Can.
h. patulicollis Csy. 13–57 ?Colo.
170. sylvosus Say 25–75 Ind. Can. Fla. N.Y.-Tex. L.Sup.
a. finitimus Hald. 43–373 Tex.
lherminieri Dej. 26–152
b. caseyi Angell 14–75
lecontei || Csy. 13–57 Tex.
171. serratus Say 25–77 Nfld. E.&M. St. L.Sup.
lineatopunctatus Dej. 26–77 Ind.
canadensis Lec. 53–10
ligatus ‡ Kby. 37–18
a. vegasensis Csy. 13–59 N.Mex.
b. tatumi Mots. 65–293 H.B.T.
172. limbatus Say 25–77 E.M.&C.St.
goryi Dej. 31–544 Ind.
a. californicus Mots. 45–91 Cal.
173. vinctus Web. 01–42 Ind. U.S.
interruptus Say 25–62
ligatus Germ. 24–6
a. carinatus Dej. 26–80 Ga.
174. cancellatus Illig. 98–154 Wis.

Carabus L.

175. nemoralis Müll. 76–75 Eur.†N.B.-N.J. N.Y.
— granulatus L. 61–781 †Sib. N.B.?
— hummeli Fisch. 23–69 Sib. Alas.?

Calosoma Web. 01–20

176. externum Say 23–150 E.M.S.C.St.
longipenne Dej. 31–568 [Ind.
177. macrum Lec. 53–400 Tex.
178. protractum Lec. 62–52 Ariz.
— splendidum Dej. 31–558 ? So. Fla.
179. aurocinctum Chd. 50–420 Mex. Tex.
180. scrutator Fab. 75–239 Fla. U.S. Cal. (Ariz?) Can. L.Sup. Ind.
181. willcoxi Lec. 48–446 Atl.&C. St.
182. sycophanta L. 61–790 †Atl. St. [Ind.
183. frigidum Kby. 37–19 N.Y.-Can.L.
levettei Csy. 97–344 Ind. [Sup.
184. sayi Dej. 26–198 La. N.Y.-Fla.
virginica Csy. 97–344 Va. [L.Cal?)
armatum Lap. 35–156

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185. angulatum Chev. 34–44 (?So.Cal.)
a. forreri Géhin 85–64 Ariz. [Mex.
186. prominens Lec. 53–400 Ariz. So.Cal.
angulatum ‡ Lec. 49–199
187. parvicollis Fall 10–90 So.Cal.
188. clemens Csy. 14–32 Nev.
189. hospes Csy. 13–63 So.Cal.
190. parviceps Csy. 97–341 Ariz. So.Cal.
191. sponsa Csy. 97–340 Ut.
192. eremicola Fall 10–91 So.Cal.
193. rugosipennis Schfr. 11–113 Cal.
194. peregrinator Guér. 44–255 Tex.-Cal. So.
a. ingens Csy. 13–62 So.Cal. [Cal.
b. subgracilis Csy. 13–63 ?
c. apacheana Csy. 13–63 Ariz.
d. amplipennis Csy. 13–62 ?N.Mex.
195. lugubre Lec. 53–400 Tex. (Ariz.?)
a. marginalis Csy. 97–340 ? Ariz.
196. carbonatum Lec. 62–53 Tex.-Cal. Ariz.
197. paluneri Horn 76–199 Guad. Is.
198. triste Lec. 44–201 W.C.St. Ariz. So.Cal.
199. tristoides Fall 10–92 So.Cal.
200. obsoletum Say 23–149 C. St.
luxatum ‡ Dej. 26–96
indistinctum Say 25–151
a. microsticta Csy. 13–60 N.Mex.

Calosoma Web.

201. semilæve Lec. 49–199 Cal. So.Cal.
a. davidsoni Csy. 14–33 Cal.
202. simplex Lec. 78–61 So.Cal. Ariz.
203. haydeni Horn 70–69 Colo.

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204. calidum Fab. 75–237 U.S. L.Sup.
a. lepidum Lec. 44–201 Mo. [Ind.
stellata Csy. 97–344 L.Sup.
expansa Csy. 97–344 Ia.
laticollis Csy. 97–344 N.Mex.
205. morrisoni Horn 85–128 Colo.
206. tepidum Lec. 49–199 Pac. St.
irregulare Walker 66–342 Vanc.
cælator Csy. 13–61 Id.
indigens Csy. 13–61 Or.

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207. cancellatum Esch. 29–23 Pac. St.
ænescens Lec. 54–16 Or.
a. esuriens Csy. 13–64 So.Cal.
b. transversa Csy. 13–64 So.Cal.
208. subæneum Chd. 69–6 Cal.

Callisthenes Fisch. 22–85

209. moniliatus (Lec.) 49–200 Or. Mont.
a. laqueatus (Lec.) 60–318 Sask.
b. concinnus Csy. 13–66 Id.
210. wilkesi Lec. 49–200 Or.
211. discors (Lec.) 57–31 Cal.
a. inversus Csy. 13–67 Cal.
212. irregularis (Schfr.) 15–235 Cal.
213. dietzi (Schfr.) 04–197 Cal.
a. tularensis Csy. 13–68 Cal.
b. gravidulus Csy. 13–69 Cal.
214. zimmermanni (Lec.)49–445 Or.
a. opacus Géhin 85–70 Or.
215. striatulus (Lec.) 59–4 Ut. Wy.
216. exaratus Csy. 13–71 Cal.
a. tegulatus Csy. 13–72 Cal.
b. viator Csy. 13–72 Cal.
217. pimelioides (Walker)66–312 Vanc.
218. pustulosus Csy. 13–73 N.Cal.
219. luxatus (Say) 23–149 Ark.
a. monticola Csy. 13–73 Nev.
b. nevadensis Csy. 13–74 Nev.
c. diffractus Csy. 13–74 N.Mex.
220. subasperatus(Schfr.)15–235 Cal.
221. latipennis (Horn) 70–70 Cal. So.Cal.
a. arcuatus (Csy.) 97–343 Ariz.
b. opimus Csy. 13–69 Cal.

ELAPHRINI

Schaupp 78; Crotch 74; Horn 78

Elaphrus Fab. 01–245

222. clairvillei Kby. 37–63 Alas. Wash.Or. Wyom. L.Sup.
politus Lec. 50–209 L.Sup. [Me.
223. lævigatus Lec. 49–200 Cal.
224. caseyi Leng 18–203 Cal.
politus || Csy. 97–345
225. olivaceus Lec. 63–1 N.Y. L.Sup.
226. cicatricosus Lec. 49–448 Can. Ind. Me.
227. obliteratus Mann. 53–117 Alas. [N.J.
obscurior Kby. 37–63 Lab. Can.
228. fuliginosus Say 34–414 Wis. Neb. L.l.
clairvillei ‡ Lec. 50–210 [L.Sup. Ind.

Elaphrus Fab.

229. lecontei Cr. 74–246 Ut. Wyom.
intermedius ‡ Lec. 48–448
230. riparius L. 61–749 Cal. Alas. Eur
intermedius Kby. 37–62 Can. [L.Sup.
?lapponicus Gyll. 10–8 Eur. Arc. Am.
californicus Mann. 43–190 Cal.
gratiosus Mann. 53–118 Alas.
similis Lec. 48–349
punctatissimus Lec. 50–210 L.Sup.
sinuatus Lec. 50–210 L.Sup.
231. viridis Horn 78–52 Cal.
232. pallipes Horn 78–51 Or. B.C.

† Introduced.

Elaphrus Fab.

a. purpurans Hausen 91–251 B.C.
233. ruscarius Say 34–417 Nfld. E.M.& W.St. L.Sup.
americanus Dej. 31–558 [Ind.

Diachila Mots. 64–195

234. arctica (Gyll.) 08–96 Eur.&Bor. Am. H.B.T.
235. subpolaris Lec. 63–2 H.B.T.
americana Mots. 64–195 H.B.T.

Blethisa Bon. 09– ?

236. julii Lec. 63–2 N.S.
237. quadricollis Hald. 45–149 Ind.Wis.Ill. L.Sup. N.J.
238. multipunctata (L.) 61–805 Eur.&N.U.S. Wis. Mich.
239. columbica Csy. 09–277 B.C.
240. oregonensis Lec. 53–401 Or.
acutangula (Chd.) 61–524

LORICERINI

Horn 78; Rousseau 08

Loricera Latr. 04–273
(*Lorocera* ‡ auct.)

241. cærulescens (L.) 58–672 Nfld. No. Eur.
pilicornis (Fab.) 75–243 Lab. [&U.S.
semipunctata Esch. 29–25 L.Sup. Alas.
neoscotica Lec. 63–3 N.S.

Loricera Latr.

242. californica Lec. 63-3 Cal. So.Cal.
243. decempunctata Esch.29–25 Alas.
244. foveata Lec. 49–180 Cal.
? congesta Mann. 43–121 Alas.

OPISTHIINI

Opisthius Kby. 37–60

245. richardsoni Kby. 37–61 Wy. Or. Bor. Am.

NOTIOPHILINI

Fall 06

Notiophilus Dumeril 06–194

246. aeneus Hbst. 06–235 L.Sup. Can-.
porrectus Say 34–418 [N.C. Ind.
247. semistriatus Say 23–81 N.Eng.-N.Mex.
confusus Lec. 48–449 L.Sup. Lab.
americanus Harr. 69–213 [Ind.
sibiricus Cr. 76–247 nec Mots.
punctatus Schaupp 78–30 nec Lec.
248. aquaticus (L.) 61–752 Eur. Lab.-
punctatus Lec. 50–210 Alas. [N.Mex.
hardyi Putz. 66–165 Nfld.
249. borealis Harr. 69–213 Lab. Alas. Bor. Am.

Notiophilus Dumeril

250. simulator Fall 06–86 Mont. Id.Colo.
evanescens Csy. 13–47 Colo.
251. novemstriatus Lec. 48–450 N.Eng.-N. Mex. Fla.
quadrifoveatusHarr.69–213 Ind.
semistriatus ‡ auct.
252. nemoralis Fall 06–88 Me. N.H. Vt.
253. sylvaticus Esch. 29–24 Alas.-Cal.
254. obscurus Fall 01–207 So.Cal.
255. nitens Lec. 57–01 Or.
256. semiopacus Esch. 29–25 Or. Cal. Ariz. So.Cal.

NEBRIINI

Horn 70; Leconte 78; Schaupp 78; Casey 1913

Leistus Fröhlich 94–9

257. ferruginosus Mann. 43–187 Alas.-Or.
ferrugineus || Dej. 31–569
258. nigropiceus Csy. 13–45 B.C.
?piceus Fröh. ‡ 94–9 Eur. Mass.

Pelophila Dej. 26–262

259. eschscholtzi Mann. 29–40 Alas. H.B.T.
260. rudis Lec. 63–3 Nfld. Lab. H.B.T.
261. ulkei Horn 70–105 Lab. H.B.T.
262. shermani Csy. 13–45 Lab.
—— californica Mots. 43–93 Cal.

Nebria Latr. 06–221.

263. ingens Horn 70–98 Cal.
264. ovipennis Lec. 78–477 Cal.
265. kincaidi Sz. 00–525 Alas.
266. columbiana Csy. 13–48 B.C.

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267. gregaria Fisch. 21–72 Alas.
268. purpurata Lec. 78–477 Colo.

Nebria Latr.

269. trifaria Lec. 78–478 Ut.
270. rathvoni Lec. 53–400 Cal.
271. catenata Csy. 13–49 Colo.
272. mobilis Csy. 13–50 Colo.
273. cuneata Csy. 13–50 Alas.

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274. metallica Fisch. 21–71 Alas.-Cal.
275. mannerheimi Fisch. 21–253 Alas.
276. sahlbergi Fisch. 21–254 Lab. Alas. Nfld. Or. N.H.
bifaria Mann. 53–128 Eur.& Alas.
a. castanipes Kby. 37–20 Can.
b. moesta Lec. 50–209 L.Sup.
c. parvula Sahlb. 87–47 Sib. Or. Alas.
d. violacea Mots. 46–73 Alas.
277. gebleri Dej. 31–573 B.C. Alas.
278. viridis Horn 70–101 Alas. Wash.
279. eschscholtzi Men. 44–55 So.Cal. Or. Cal. Alas.
280. tenuipes Csy. 13–51 Or. Cal.
281. oregona Csy. 13–52 Or.

Nebria Latr.

282. arkansana Csy. 13–52 Ind. Ark.

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283. obliqua Lec. 66–363 Colo.
longula Lec. 78–478 "
284. obtusa Lec. 78–478 Ut. Wy.
285. suturalis Lec. 50–209 Nfld. L.Sup.
286. hudsonica Lec. 63–3 H.B.T. [N.H.
287. incerta Csy. 13–53 Colo.
288. testaceipes Csy. 13–54 B.C.
289. texana Csy. 13–54 Tex.

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290. virescens Horn 70–100 Wash. Vanc.
291. brevis Csy. 13–55 Or.

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Nebria Latr.

292. pallipes Say 25–78 L.Sup. N.E. Am. Ind.
293. carbonaria Esch. 29–24 Eur.& Alas.
294. nivalis Payk. 00–119 Greenland,Sib.
?gyllenhali Schon. 06–196 No.Eur.
a. balbii Bon. 09–65 Alps. Greenland
295. lacustris Csy. 13–56 Minn. Wis.
296. expansa Csy. 13–56 Tex. Ind.

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297. diversa Lec. 63–2 Or.
livida || Lec. 59–8
298. frigida Sahlb. 44–11 Siberia, Alas.
— elias Mots. 65–276 Alas.
— mollis Mots. 65–274 Alas.

METRIINI

Metrius Esch. 29–8 Or. Wash. Cal.
299. contractus Esch. 29–8 So.Cal.

Metrius Esch.

300. sericeus Riv. 00–389 Cal.

PROMECOGNATHINI

Schaupp 79; Casey 13

Promecognathus Chd. 46–524

301. lævissimus Dej. 29–11 So.Cal.
a. crassus Lec. 68–62 Cal. Or.
b. debilis Csy. 97–346 Cal.

Promecognathus Chd.

c. contractus Csy. 13–93 Cal.
d. corpulentus Csy. 13–94 Cal.
e. grandiceps Csy. 13–94 Cal.

SCARITINI

Leconte 48, 74; Casey 13; Leng 15; Schaeffer 13; Putzeys 46–67; Fall 01

Pasimachus Bon. 13–476

302. sublævis Beauv. 05–107 N.Y.-Fla. Ill.
rugosus Lec. 48–149 N.J. [Ind.
a. substriatus Hald. 43–313 L.I.
b. assimilis Lec. 48–148 Ga.
c. brevitarsis Csy. 13–76 Miss.
d. oblongus Csy. 13–77 N.C.
303. strenuus Lec. 74–266 Fla.
a. robustus Csy. 13–78 Fla.
304. floridanus Csy. 13–79 Fla.
305. subsulcatus Say 25–19 Ga. Fla. Ala.
a. subnitens Csy. 13–79 Fla.
306. opacipennis Csy. 13–80 Fla.
307. marginatus Fab. 75–94 S.C. Fla. La.
a. crassus Csy. 13–81 N.C. [Tex.
308. depressus Fab. 75–94 N.Y.-Fla.
complanatus Gmel. 88–1993
lævis Lec. 48–146 N.J.
limbatus Zimm. 74–271 N.C.
carolinensis Csy. 13–82 N.C.
champlaini Csy. 13–82 Pa.
a. morio Lec. 48–145 S.C.
309. punctulatus Hald. 43–299 Ala.-Ill.-Ind.
sinuatus Csy. 13–83 Mo.
310. elongatus Lec. 48–147 Mo. Ind.
311. pimalis Csy. 13–84 Ariz.
angustulus Csy. 13–84 Neb.
evanescens Csy. 13–84 Colo.?
vegasensis Csy. 13–85 N.Mex.
vernicatus Csy. 13–85 Kan.
312. duplicatus Lec. 53–395 Tex. Okla.
a. costifer Lec. 54–79 Tex. Ariz.
313. californicus Chd. 50–437 Tex. Ut. Colo.
transversus Csy. 13–86 Tex.
validus Lec. 58–14 Ariz.
cephalotes Csy. 13–87 Tex.

Pasimachus Bon.

acomanus Csy. 13–87 N.Mex.
corpulentus Lec. 58–15 Tex.
obesus Csy. 13–88 Ariz.
314. obsoletus Lec. 48–148 Kan. Colo.
acuminatus Csy. 13–88 Colo.?
vestigialis Csy. 13–89 N.Mex. Tex.
atronitens Csy. 13–89 Ariz.
315. viridans Lec. 58–61 Ariz.
ambiens Csy. 13–90 Ariz.
‡ mexicanus Gray 32–274 Mex.

Scarites Fab. 01–123

316. subterraneus Fab. 87–206 So.Cal. U.S.
beckwithi Steph. 28–37 [Fla. La. Ind.
fossor De G. 52–350
?interruptus Herbst 82–133
denticollis Chd. 43–729 Cal.
patruelis Lec. 45–207 Cal.
vicinus Chd. 43–728 La.
affinis Lec. 45–207 La.
a. californicus Lec. 49–198 Tex. Ariz. So.Cal.(Fla.?)
texanus Chd. 79–94
317. substriatus Hald. 44–54 Tex. Fla. La.
?quadriceps Chd. 43–729 [Ind.
a. lissopterus Chd. 79–93
318. alternans Chd. 43–729 (Fla.?) W.I.

Dyschirius Bon. 13–483
(*Akephorus* Lec. 51–194)

319. tridentatus Lec. 49–195 So. Cal. Ariz.
convexus Lec. 49–195
quadridens Mots. 59–133 Alas.
320. patruelis Lec. 49–196 So.Cal. Or.
californicus Mén. i. litt.

Dyschirius Bon.

321. basalis Lec. 57–77 — So.Cal.
322. varidens Fall 10–93 — Cal.
323. æneus Dej. 25–423 — Eur.&Bor. Am.So.Cal. Sib.
frigidus Mann 53–123 — Alas.
integer Lec. 49–196 — So.Cal.
324. nigripes Lec. 58–396 — L.Sup. Ind.
apicalis || Lec. 50–204 — "
325. consobrinus Lec. 49–196 — Cal.
326. gibbipennis Lec. 57–77 — So.Cal.
327. lævifasciatus Horn 78–52 — Or.
328. dejeani Putz. 46–545
punctatus || Dej. 31–498
329. æneolus Lec. 50–204 — Can. Colo. B.C. Mich.
330. longulus Lec. 50–204 — Man. Mich. Can. Ind.
331. globulosus Say 25–23 — La. Ind. Can.-Fla. Mich.
a. parvus Lec. 50–204 — L.Sup.
332. unipunctatus Fall 01–207 — So.Cal.
333. terminatus Lec. 48–212 — N.Y. Kan. Ariz. Cal. Ind.
334. hæmorrhoidalis Dej.31–511 — D.C. Pa. Kan. Ind. O. Fla.
335. duplicatus Fall 01–209 — Tex.
336. affinis Fall 01–209 — N.Y. Mass.
337. anal is Lec. 49–196 — So.Cal. Ariz.
338. brevispinus Lec. 78–593 — Mich. O.
339. sphæricollis Say 25–23 — La. N.Y.Mich. Ill. Fla. Ind.
340. edentulus Putz. 46–569 — Tex.
341. truncatus Lec. 57–78 — Colo.-L.Cal. Ill. Ariz. So. Cal.
342. erythrocerus Lec. 57–78 — Ind. O. Man. N.Y. Fla.
343. marinus (Lec.) 49–105 — Cal. So.Cal.
344. obesus Lec. 66–363 — Cal.
345. sellatus Lec. 57–78 — N.Y. (Fla.?)
346. pallipennis Say 25–24 — N.Y. Fla.
347. salivagans Lec. 75–179 — Ut.
348. curvispinus Putz. 46–561 — Tex.
a. montanus Lec. 79–507 — Colo.
349. filiformis Lec. 57–78 — N.Y. Fla.
350. sublævis Putz. 46–562 — Tex. Fla.
351. aratus Lec. 49–196 — Cal. So.Cal.
352. pumilus Dej. 25–425 — (Ariz.?) N.Y.-Fla. Man.
falciger Lec. 78–373 — Fla.
dentiger Lec. 57–79
rufiventris Lec. 57–79 — La.
353. abbreviatus Putz. 46–532 — Tex.
354. pilosus Lec. 57–80 — La.
355. hispidus Lec. 63–4 — Man. Tex.
356. setosus Lec. 57–79 — N.Y. [Ind.
357. transmarinus Mann. 53–122 — Alas.

Clivina Latr. 10–156

358. dentipes Dej. 25–415 — Fla. La. Ga. Tex. Ariz.
corvina Putz. 46–610 — Ind. La. So.
confusa Lec. 49–198 [Cal.
fissipes Putz. 46–607 — Tex.
georgiana Lec. 57–81

Clivina Latr.

359. impressifrons Lec. 44–50 — N.Y.Ky.Kan.
360. texana Lec. 63–4 — Tex. [Ind.
361. planicollis Lec. 57–81 — S.C. La.
362. punctulata Lec. 49–198 — Cal. So.Cal.
363. punctigera Lec. 57–81 — S.C. Ind.
364. rubicunda Lec. 57–81 — La.Ga.Ill.Fla.
365. pallida Say 25–22 — La. [Ind.
rufescens Dej. 31–504
366. rufa Lec. 57–81 — N.J. La. Kan. Ill. Fla. Ind.
367. fossor (L.) 61–817 — Eur.† Mass.
collaris (Illst.) 86–141
elongata || Rand. 38–34
randalli Lec. 57–81
368. analis Putz. 46–599 — Tex.
369. americana Dej. 31–503 — Ind. N.Y. Fla.
acuducta Hald. 43–299 [Mich.
370. morula Lec. 57–81 — La. Fla.
371. cordata Putz. 46–604 — La. Fla. Can.?
ludoviciana Putz. 67–138 — La.
372. striatopunctata Dej.31–505 — La. Ga. Fla.
picea Putz. 46–621 — La.
373. ferrea Lec. 57–81 — Ill. Kan. Tex.
374. convexa Lec. 57–50 — La. [Mo. Ariz.
?bisignata Putz. 46–620
375. bipustulata (Fab.) 01–125 — N.Y.-Fla. (Ariz.?) Ind.
quadrimaculata (Beauv.) 05–107
376. marginipennis Putz. 46–619 — La.
377. postica Lec. 48–213 — La. Kan.
378. stigmula Putz. 46–622 — Tex.
379. sulcipennis Putz. 46–126

Aspidoglossa Putz. 46–626

380. subangulata (Chd.) 43–738 — D.C. La. Fla.
fraterna Putz. 46–632 [Tex. Ind.
humeralis (Chd.) 43–737
vicina Putz. 46–632

Schizogenius Putz. 46–649

381. crenulatus Lec. 49–197 — So.Cal. Ariz.
382. planulatus Lec. 63–5 — N.Y.
383. lineolatus (Say) 25–22 — Tex.Ariz.Ind.
sulcifrons Putz. 46–652
384. sallei Putz. 67–228 — Tex. Fla.
385. ferrugineus Putz. 46–653 — N.J. Tex. Fla.
sulcatus Lec. 48–214 [Ind.
386. amphibius (Hald.) 43–299 — N.Y. (Ariz.?)
frontalis Lec. 48–215 [Ind.
387. depressus Lec. 49–197 — So.Cal. Ariz.
388. litigiosus Fall 01–210 — Cal.
389. pluripunctatus Lec. 48–197 — So.Cal. Ariz.
a. simplex Lec. 48–197 — Cal.
390. seticollis Fall 01–209 — So.Cal.
391. validus Fall 01–210 — Cal.

Ardistomis Putz. 46–636

392. obliquata Putz. 46–638 — S. St. Fla.
393. schaumi Lec. 57–80 — La. Fla.
394. morio (Dej.) 31–506 — Ga. Fla.
395. viridis (Say) 25–21 — N.Y.-Tex. Fla.
rostrata (Dej.) 25–419 — Ind.
vicina Putz. 46–647
396. puncticollis (Dej.) 31–508 — Fla. Ala.(Ind?)
oblongula Mots. i. litt. — Ind.
tantilla Mots. i. litt.

† Introduced.

HARPALINÆ

HARPALINÆ BISETOSÆ

PANAGÆIINI

Leconte 79

Panagaeus Latr. 04–291
397. sallei Chd. 61–353 Ariz.-Tex.
398. crucigerus Say 25–69 N.Y.-La. Fla. Ind.
399. fasciatus Say 25–70 N.Y. Ga. Kan. Fla. Ind.

Micrixys Lec. 54–220
(*Eugnathus* || Lec. 53–375)
400. distinctus Hald. 52–373 Tex. N.Mex.

OZÆNINI

Pachyteles Perty 30–3
401. testaceus Horn 68–129 Ariz.
402. parca Lec. 84–2 Ariz.

Physea Brullé 34–473
403. hirta Lec. 53–393 Mex. Tex.?

NOMIINI

Nomius Lap. 35–144
(*Haplochile* Lec. 48–208)
404. pygmæus (Dej.) 31–312 Ga.-Cal. L. [Sup.

Nomius Lap.
græcus Lap. 35–145 So.Eur.

PSYDRINI

Psydrus Lec. 46–153
405. piceus Lec. 46–154 No.Cal.-L.Sup.

MORIONINI

Morion Latr. 10-?
(*Morio* ‡ auct.)
406. monilicornis Latr. 06–206 N.C. S.C. Fla. La. L.Cal.W.I.

Morion Latr.
?georgiæ (Beauv.) 05–107

BEMBIDIINI

Leconte 48; Chaudoir 68; Hayward 97, 00, 01; Blaisdell 02; Fall 10, 16; Casey 18

Asaphidion Gozis 86–6
(*Tachypus* || Lacord. 54–381)
407. elongatus (Mots.) 46–16 Alas.?

Bembidion Latr. 04–22
(*Bembidium* ‡ auct.)

I. (*Odontium* Lec. 48–451)
(*Bracteon* Bedel 81–26)
408. inæquale Say 23–151 N.H.Wis. Fla ?
arenarium Dej. 31–80 [Ind.
409. hesperum Fall 10–95 Vanc. Cal.
hesperium Csy. 18–9
410. binarium Csy. 13–9 Cal.
411. littorale (Oliv.) 90–6 Eur. Sib. Can.
paludosum Sturm 25–179 Cal. Ut. L.Sup.
412. lacustre Lec. 48–451 L.Sup. Wis.
413. opaciceps Csy. 18–8 Cal.
414. levettei Csy. 18–9 Colo.
415. zephyrum Fall 10–96 No.Cal. Or.
416. carinula Chd. 68–239 Nfld.-Vanc.
impressum ‡ Kby. 37–59 H.B.T. [Ind.
417. lorquini Chd. 68–239 Colo.Cal.B.C.
418. pugetanum Fall 16–13 Wash.
419. punctatostriatum Say 23–83 Vt. Ark. Wash.
sigillare Say 34–437 [Ind.
stigmaticum Dej. 31–83
420. carinatum Lec. 52–186 Ariz. So.Cal.
421. sculpturatum Mots. 59–132 Alas. Ariz.
422. ænulum Hayw. 01–156 Iowa.
423. robusticolle Hayw. 97–50 Ia. Mich.-Kan.
424. bowditchi Lec. 78–451 Wy.

Bembidion Latr.
425. unicum Csy. 18–12 Tex.
426. confusum Hayw. 97–52 E.&C.St. Ind.
nitidulum || Dej. 31–84
coxendix ‡ Say 34–436
a. æneorubrum Csy. 18–11 Ohio
b. marquettense Csy. 18–11 Mich.
427. venator Csy. 18–12 Tex.
428. snowi Csy. 18–12 Kan.
429 coxendix Say 23–151 Man.-Tex. Ind.
430. vigilans Csy. 18–13 Ind.?

II. (*Ochthedromus* Lec. 48–451)
431. bifossulatum (Lec.) 52–186 Neb. Ut.-B.C.
432. americanum Dej. 31–84 N.Eng.-Mo.
433. illini Csy. 18–15 Iowa. [Ind.
434. sufflatum Csy. 18–15 Cal.
435. cheyennense Csy. 18–15 Wy.
436. regestum Csy. 18–16 Colo.?
437. nuperum Csy. 18–16 Colo.?

III. (*Eudromus* Kby. 37–551)
(*Pogonidium* Gangl.)
438. nitidum (Kby.) 37–55 L.Sup. Alas.
439. obliquulum Lec. 59–81 [Cal. Ind.
obliqulum Csy. 18–17 Pac. Coast
aptum Lec. 59–281

IV. (*Hydrium* Lec. 48–451)
440. lævigatum Say 23–84 N.H. Fla. [Mont. Ind.

V. (*Lionepha* Csy. 18–18)
441. erasum Lec. 59–83 Vanc.-Nev.

Bembidion Latr.

442. osculans Csy. 18–20 Cal.
443. speculum Csy. 18–20 Cal.
444. castum Csy. 18–20 Cal.
445. serenum Csy. 18–21 Cal.
446. lascivum Csy. 18–21 Cal.
447. lubricum Csy. 18–21 Cal.
448. brumale Csy. 18–22 B.C.
449. probatum Csy. 18–22 Colo.
450. vacivum Csy. 18–22 B.C.
451. commotum Csy. 18–23 Cal.
452. seclusum Csy. 18–23 Cal.

(*?Plataphus* Mots. 64–184)

453. blanditum Csy. 18–23 B.C.
454. saturatum Csy. 18–24 Cal.
455. laxatum Csy. 18–24 Cal.
456. ampliatum Csy. 18–24 Colo.
457. lividulum Csy. 18–25 Cal.
458. improvisum Csy. 18–25 Colo.
459. adumbratum Csy. 18–26 Cal.

(*Trechonepha* Csy. 18–19)

460. funereum Lec. 60–320 Nev.Alas.B.C.
461. trechiforme (Lec.) 52–190 Cal. Wash.
462. fabrum Csy. 18–27 Cal.
463. obliviosum Csy. 18–27 Wash.
464. volatile Csy. 18–28 Cal.
465. impium Csy. 18–28 B.C.
466. parallelocolle (Mots.) 59–125 Cal. Nev.
a. amicum Csy. 18–29 Cal.
467. iridescens (Lec.) 52–190 Cal. Ut. Vanc.
468. deceptor Csy. 18–29 B.C.
469. testaceum Csy. 18–30 Cal.
470. nescium Csy. 18–30 B.C.
471. viator Csy. 18–31 B.C.
472. illex Csy. 18–31 B.C.
473. haruspex Csy. 18–31 B.C.
474. turbatum Csy. 18–32 Colo.
475. conflictum Csy. 18–32 Colo.
476. rusticum Csy. 18–33 N.Y.
477. adultum Csy. 18–33 Cal.
478. dilutum Csy. 18–33 Cal.
479. bucolicum Csy. 18–34 B.C.
480. gratiosum Csy. 18–34 Colo.
481. repens Csy. 18–35 Cal.

VI. (*Melomalus* Csy. 18–37)

482. planatum (Lec.) 48–456 L.Sup. B.C.
æqualis Walk. 66–316
483. solutum Csy. 18–38 Cal.
484. adjutor Csy. 18–39 Cal.
485. vandykei Blaisd. 02–75 Cal.
486. simplex Hayw. 97–63 Lab. L.Sup. H.B.T.

(*Micromelomalus* Csy. 18–37)

487. planiusculum Mann. 43–215 Alas. Colo. B.C. Nfld.
488. curtulatum Csy. 18–39 Cal.
489. vespertinum Csy. 18–40 Cal.
490. effetum Csy. 18–40 Cal.
491. oppressum Csy. 18–40 Cal.
492. flebile Csy. 18–41 Cal.
493. tumefactum Csy. 18–41 Cal.
494. decrepitum Csy. 18–41 Cal.

(*Trachelonepha* Csy. 18–37)

495. electum Csy. 18–42 Cal.
496. extensum Csy. 18–42 Cal.
497. falsum Blaisd. 02–76 Cal.

Bembidion Latr.

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498. complanulum (Mann.) 53–152 Alas. Colo. Nfld. Ariz.
499. nigrocæruleum Hayw. 97–66 Wash.
500. mæklini Hayw. 97–66 Alas. B.C.
501. quadrifoveolatum Mann. 43–218 Alas. Wash.
502. incertum (Mots.) 45–350 Alas. Mich.
tetraglyptum (Mann.) 53–151
503. breve (Mots.) 45–25 Sib. Alas. Nev.
504. whitneyi Fall 10–96 Cal.
505. nebraskense Lec. 63–19 Neb. Cal.

VII. (*Liocosmius* Csy. 18–43)

506. delectum Csy. 18–44 Cal.
507. hilare Csy. 18–44 Cal.
508. horni Hayw. 97–116 Cal. Ariz.
509. bifasciatum (Mots.) 50–12 Wash. Cal.
mundum (Lec.) 52–190 [Nev.
510. festivum Csy. 18–45 Cal.

VIII. (*Leuchydrium* Csy. 18–46)

511. tigrinum Lec. 79–509 So.Cal.

IX. (*Peryphus* Steph. 29–2)

512. nigrum Say 23–85 E.&C. St. Mich. Ind.
a. facile Csy. 18–48 Ill.
513. morosum Csy. 18–49 Va.
514. quadrulum Lec. 61–340 Colo. Cal. Ind.
515. tartareum Csy. 18–49 Id.
516. callidum Csy. 18–50 Cal.
517. tritum Csy. 18–50 Colo.
518. ægrotum Csy. 18–51 Colo.
519. obscuripenne Blaisd. 02–74 Or.
520. inopinum Csy. 18–51 Me.
521. concolor (Kby.) 37–54 Nfld. L.Sup.
salebratum (Lec.) 48–453 Cal.
purpurascens (Lec.) 48–454
522. consessor Csy. 18–52 N.Y.
523. recticolle Lec. 63–19 Colo. N.Mex.
524. oblatum Csy. 18–52 Nev. [So.Cal.
525. tetragonoderum Chd. 68–240 Cal.
526. avidum Csy. 18–53 Nev.
527. pertinax Csy. 18–53 Nev.
528. umbraticola Csy. 18–54 Utah
529. longulum (Lec.) 48–456 Lab. L.Sup.
subæneum (Lec.) 48–457 So.Cal
530. humboldtiensis Blaisd. 02–74 No.Cal.
humboldtense Csy. 18–55
531. porrectum Csy. 18–55 N.Mex.
532. vulsum Csy. 18–55 N.Y.
533. planum (Hald.) 43–303 Vt.-Va. Ind.
guexi Chd. 68–242 n.m.
534. filicorne Csy. 18–56 N.J.
535. champlaini Csy. 18–56 Pa.
536. fugax (Lec.) 48–467 Ill. Mich. Can.
537. planipenne (Lec.) 50–211 L.Sup.
538. haplogonum Chd. 68–241 Cal.
539. marinicum Csy. 18–57 Cal.
540. transversale Dej. 31–110 Nfld. Can.
541. perspicuum (Lec.) 48–466 Wy. [Mich.
compar Lec. 57–5
542. sarpedon Csy. 18–58 Colo.
543. acomanum Csy. 18–59 N.Mex. Ut.
544. excursum Csy. 18–59 Ariz.
545. erosum Mots. 50–10 Cal. Ariz.
mannerheimi (Lec.) 52–190

Bembidion Latr.

546. badiipenne Csy. 18–60 N.Mex.
547. lugubre Lec. 57–6 Colo. N.Mex. Cal.
a. stabile Lee. 79–508 Colo. So.Cal.
b. vafrum Csy. 18–60 Ariz.
548. canonicum Csy. 18–61 Ariz.
549. retectum Csy. 18–61 Utah
550. animatum Csy. 18–62 N.Mex. Colo.
551. pernotum Csy. 18–62 " "
552. brevistriatum Hayw. 97–58 So.Cal.
553. californicum Hayw. 97–84 So.Cal.
554. innocuum Csy. 18–63 No.Cal.
555. scrutatum Csy. 18–64 Colo.
556. denveranum Csy. 18–64 Colo.
557. tractabile Csy. 18–64 Utah.
558. actuosum Csy. 18–65 Colo.
559. viaticum Csy. 18–65 N.Mex.
560. nitens (Lec.) 50–211 Alas. N.Y. Nfld.
?grapi Gyll. 27–403 Eur. Green-
a. seductum Csy. 18–66 Colo. [land.
561. inquietum Csy. 18–67 N.Mex.
562. subangustatum Hayw. 97–83 N.Mex. Ariz.
563. iosopitans Csy. 18–68 B.C.
564. histricum Csy. 18–68 Ind.?
565. texanum Chd. 68–240 Tex. Ia.
566. cogitans Csy. 18–69 Ind.?
567. militare Csy. 85–65 L.I.
568. platynoides Hayw. 97–78 So.Cal.
569. optatum Csy. 18–69 No.Cal.
570. merens Csy. 18–70 Cal.
571. sedulum Csy. 18–70 So.Cal.
572. picipes (Kby.) 37–54 Me. Mich.
plagiatum Zimm. 69–247 [Tex. Ind.
lacunarum Zimm. 69–247
573. scopulinum (Kby.) 37–53 Lab. L.Sup.
gelidum (Lec.) 48–464 [Nfld. Colo.
a. bellulum Csy. 18–71 N.Mex.
574. satelles Csy. 18–71 Cal.
575. bimaculatum (Kby.) 37–52 Alas. B.C. Can.
sordidum (Kby.) 37–52 [Ariz.?
576. renoanum Csy. 18–72 Nev.
577. postremum Say 34–437 Mass. Pa. Ill.
578. vancouveri Csy. 18–73 Vanc.
579. striola (Lec.) 52–190 So.Cal. Or. Colo.?
580. shastanicum Csy. 18–74 No.Cal.
581. consanguineum Hayw. 97–76 Colo. Ut. Ariz. So.Cal.?
?submaculatum Bates 81–149 Mex.
mexicanum ‡ auct.
582. canadense Hayw. 97–77 Ont. Nfld.
583. lepusculus Csy. 18–75 Colo.
584. lucidum (Lec.) 48–466 Nfld. L.Sup. Neb. Ariz.
substrictum (Lec.) 48–465 [So.Cal.
585. castalium Csy. 18–75 N.Mex.
586. nevadense Ulke 75–811 Nev. Or.
587. subinflatum (Mots.) 59–126 Alas. Cal.
588. tetracolum Say 23–89 Can. Vt. N.Y.
?ustulatum (L.) 58–416 Sib. [Colo.
rupestre Dej. 31–111 Nfld.
a. rupicola (Kby.) 37–53 H.B.T. Mion.
b. nactum Csy. 18–77 N.Y.
589. rufotinctum Chd. 68–241 Mass.
blanchardi Hayw. 97–56
590. dilatatum (Lec.) 48–455 Pa. Ind. Okla.
?platyderum Chd. 68–242

Bembidion Latr.

591. honestum Say 23–82 Nfld. Wis. Ia.
antiquum Dej. 31–88 [Tex. Ind.
basale (Lec.) 48–454 L.Sup.
592. chalceum Dej. 31–89 Can.-Colo. Ind.
593. integrum Csy. 18–79 Tex.
594. sejunctum Csy. 18–79 N.Mex.
595. caducum Csy. 18–80 Wy.
596. albidipenne Csy. 18–80 Colo.
597. parowanum Csy. 18–80 Utah.
598. petulans Csy. 18–81 Colo.?
599. fuscierum Mots. 55–79 Alas. Colo.?
lucidum ‡ (Mann.) 53–150
mixtum Lec. 63–14
600. grandiceps Hayw. 97–70 Mass. N.Y.
? [Tex.
601. rickseckeri Hayw. 97–85 Cal. Or. Wash.

X. (*Peryphodes* Csy. 18–85)

602. ephippigerum (Lec.) 52–188 So.Cal. Colo.
603. salinarium Csy. 18–86 Utah

XI. *Hydriomicrus* Csy. 18–87)

604. semistriatum (Hald.) 43–303 N.H. N.C. Ky. [Ind.
605. constrictiolle Hayw. 97–112 Colo.-Ariz.

XII. (*Notaphus* Steph. 29–2)

606. coloradense Hayw. 97–98 Colo. Vanc.
607. idoneum Csy. 18–90 Cal.
a. obsequens Csy. 18–90 Cal.
608. efficiens Csy. 18–90 Cal.
609. continens Csy. 18–91 No.Cal.
610. imperitum Csy. 18–91 Vanc. Wash.
611. prociduum Csy. 18–91 Wash.
612. nigripes (Kby.) 37–58 Que. Vanc.
613. augurale Csy. 18–92 Cal.
614. consuetum Csy. 18–93 Cal.
615. evidens Csy. 18–93 Utah
616. simulator Csy. 18–93 Cal.
617. variolosum Mots. 59–131 Alas. Nev.
618. umbratum (Lec.) 48–458 Wy. Colo. Nev.
619. curiosum Csy. 18–95 Cal.
620. mobile Csy. 18–95 B.C.
621. semotum Csy. 18–96 Cal.
622. nubiferum Csy. 18–96 Cal.
623. gulosum Csy. 18–96 Id.
624. suspectum Blaisd. 02–76 Or.
625. approximatum (Lec.) 52–187 Cal. B.C. Ariz.
626. devinctum Csy. 18–97 Cal. [Sask.
627. extricatum Csy. 18–98 So.Cal.
628. caudex Csy. 18–98 Cal.
629. pimanum Csy. 18–98 Ariz.
630. consentaneum (Lec.) 52–187 So.Cal.
a. barbaræ Csy. 18–99 Cal.
631. derisor Csy. 18–99 Cal.
632. cernens Csy. 18–100 So.Cal.
633. latebricola Csy. 18–100 Ariz.
634. expositum Csy. 18–101 Cal.
635. jacobianum Csy. 18–101 So.Cal.
636. formale Csy. 18–101 Cal.
a. reconditum Csy. 18–102 Cal.
637. franciscanum Csy. 18–102 Cal.
638. ornatellum Csy. 18–102 Cal.
639. procax Csy. 18–103 So.Cal.
640. operosum Csy. 18–103 Cal.
641. indistinctum Dej. 31–67 So.Cal.-B.C.
flammulipenne (Mots.) 59–129
642. debiliceps Csy. 18–104 Or.
643. conspersum Chd. 68–244

Bembidion Latr.

tessellatum || (Lec.) 52–188
xanthostictum G. & H. 68–424
644. imitator Csy. 18–105 B.C.
645. provoanum Csy. 18–105 Utah
646. monstratum Csy. 18–106 Ill.
647. fenisex Csy. 18–106 Ind.
648. posticum (Hald.) 43–303 R.I. Pa. L.Sup.
649. plectile Csy. 18–107 Ind. Wis. [Ia.
650. mediocre Csy. 18–107 Atl. St.?
651. patruele Dej. 31–69 Pa. N.Y. Ind.
variegatum ‡ Lec. nec Say [Ia.
652. graphicum Csy. 18–108 Wis.
653. retractum Csy. 18–109 Colo.
654. exclusum Csy. 18–109 Ill.
655. intermedium (Kby.) 37–58 Ill. Mo. So.Cal.
rapidum (Lec.) 48–460 [Ind.
656. convexulum Hayw. 97–106 Alb. B.C. Ariz. Mont.
657. marcidum Csy. 18–110 R.I. N.Y.
658. dorsale Say 23–84 Ill. Mont.
659. versutum Lec. 78–594 N.H. Wis. Nfld.?
660. variegatum Say 23–89 Pa. Ind.
postfasciatum Ham. 93–305 (Mass. Tex.?)
661. obtusangulum Lec. 63–19 Colo.-Cal.
662. cornix Csy. 18–111 Wash.
663. mormon Hayw. 97–110 Ut. Wy. Cal.
664. callens Csy. 18–112 Ariz.
665. fidele Csy. 18–113 Utah
666. novellum Csy. 18–113 Cal.
667. rubiginosum Lec. 79–509 Colo.
668. parabile Csy. 18–114 Nev.
669. diligens Csy. 18–114 Utah
670. aeneanum Csy. 18–114 Id.
671. perturbatum Csy. 18–115 Colo.
672. agitabile Csy. 18–115 Id.
673. atrolucens Csy. 18–115 Or.
674. morulum Lec. 63–19 H.B.T. Man.
675. dyschirinum Lec. 61–340 Colo. Cal.
676. vile (Lec.) 52–189 So.Cal.
677. vinnulum Csy. 84–15 So.Ariz.
scintillans ‡ Hayw. nec Bates 82–150
678. definitum Csy. 18–116 Ariz.
679. arcuatum Lec. 78–594 N.S. Mass. Mich.
680. graciliforme Hayw. 97–97 Mass. Ia. Ind.
681. incrematum Lec. 60–316 Alas.
nigripes ‡ Mann. 52–300
?dentellum (Thunb.) 85–50 Eur.
undulatum Sturm 25–156
682. lassulum Csy. 18–118 Ariz.
683. insulatum (Lec.) 52–186 Wy. So.Cal.
684. caliginosum Csy. 18–119 Ariz.
685. placabile Csy. 18–119 W.Tex.
686. cordatum (Lec.) 48–457 N.Y. Ind.
a. viridicolle (Laf.) 41–48 Tex.
hamiferum Chd. 68–244 Tex.
687. nubiculosum Chd. 68–244 So.Cal. Ariz.
laticolle || (Lec.) 52–187 [Ut.
a. daphnis Csy. 18–120 W.Tex.
688. amnicum Csy. 18–121 Tex.
689. festinans Csy. 18–121 Tex.
690. prosperum Csy. 18–122 Fla.
691. luculentum Csy. 18–122 Fla.
692. vividum Csy. 85–66 N.J.
693. argutum Csy. 18–123 R.I.
694. contractum Say 23–85 Mass. Fla.
?pilatei Chd. 68–243 La.
695. constrictum (Lec.) 48–462 N.Y. Fla. Tex.

Bembidion Latr.

a. vernula Csy. 85–62 N.J.
b. civile Csy. 18–124 Tex.
696. particeps Csy. 18–124 Ariz.
697. acticola Csy. 85–63 N.J. Del.
698. editum Csy. 18–125 N.J.
699. vulpecula Csy. 18–126 Tex.
700. dejectum Csy. 85–67 So.Ariz.
701. docile Csy. 18–126 Ariz.
702. sociale Csy. 18–127 Mich.-Tex.
703. negligens Csy. 18–127 Tex.
704. fugitans Csy. 18–127 Ariz.
705. affine Say 23–86 N.Eng.-Ariz.
fallax Dej. 31–189 [Ind.
706. thespis Csy. 18–128 Mich.
707. impotens Csy. 18–129 Ariz.
pictus || (Lec.) 48–461
708. æstivum Csy. 18–129 Ill.
709. frugale Csy. 18–130 So.Cal.
710. imbelle Csy. 18–130 Tex.-Ia.
711. gratuitum Csy. 18–130 Ariz.
712. virgatulum Csy. 18–131 Cal. Nev.
713. decipiens Dej. 31–189 Pa. N.Y. L.
714. rotundiceps Csy. 18–132 L.I. [Sup.
715. tolerans Csy. 18–132 B.C.
716. egens Csy. 18–132 N.Mex.
717. demissum Csy. 18–133 Ariz.
718. triviale Csy. 18–134 Cal.
719. sordidulum Chd. 68–244 Cal.
720. temperans Csy. 18–135 Cal.
720½. fuchsi Blaisd. 02–77 Cal.
721. timidum (Lec.) 48–460 Ut. Rocky Mts.
722. flavopictum Mots. 50–13 Alas. Cal.
723. versicolor (Lec.) 48–460 Nfld. L.Sup. Ind.? B.C.?
variegatum || (Kby.) 37–58 [Sask.
724. pellax Csy. 18–136 R.I.
725. muscicola Hayw. 97–122 N.H. Ont.
lampros ‡ auct. nec Hbst. [Mich.
726. scudderi Lec. 78–451 Ut.-So.Cal.
727. consimile Hayw. 97–88 Neb.-Ut.
728. henshawi Hayw. 97–87 Wy.-So.Cal.
729. hageni Hayw. 97–89 Ariz.
sexpunctatum || (Lec.) 52–186 ?
730. oberthüri Hayw. 01–158 Mass.-Man.
viridicolle ‡ Hayw. 97–103 [Ind.
731. fraternum Lec. 57–6 Pa. Ga. Fla. La.
732. æneicolle (Lec.) 48–459 Colo.-Man.
733. grandicolle (Lec.) 52–189 So.Cal.
734. aratum (Lec.) 52–189 Ariz.

XIII. (*Cyclolopha* Csy. 18–144)

735. occultum Csy. 18–144 Ariz.
736. minax Csy. 18–146 N.Mex. Ind.

XIV. (*Lopha* Steph. 29–2)

737. quadrimaculatum (L.) 58–416 Eur. Sib. R.I.
oppositum Say 23–86 [Colo.
738. gregale Csy. 18–148 B.C.
739. caseyi n.m.
pugetanum || Csy. 18–148 Wash.
740. crurale (Lec.) 52–189 Cal.
741. dubitans (Lec.) 52–189 Colo. Ariz. Cal.
742. adductum Csy. 18–149 Cal.
743. sapphicum Csy. 18–149 Nev.
744. pedicellatum Lec. 57–6 Pa.-Mo. Ind.
745. strigulosum Csy. 18–150 D.C.
746. fastidiosum Csy. 18–150 Mo. Ill.

Bembidion Latr.

747. mutatum G. & H. 68–416 Alas. Nfld.
axillare (Lec.) 50–211 [L.Sup. N.H.
748. vegetum Csy. 18–151 Colo.
749. præcinctum Lec. 79–509 Colo. Ut. Nev.
750. tenax Csy. 18–152 N.Mex.
751. veridicum Csy. 18–152 Nev.
752. relictum Csy. 18–153 Cal.
?
753. jucundum Horn 95–230 Ariz. L.Cal.

XV. (*Paralopha* Csy. 18–153)

754. sulcatum (Lec.) 48–463 Mass. N.Y. L.Sup.H.B.T.
trepidum (Lec.) 48–463
755. perconcinnum Blais.04–349 Cal.
blaisdelli Csy. 18–222
concinnum || Blaisd. 02–78

XVI. (*Diplocampa* Bedel 81–261)

756. digressum Csy. 18–155 Cal.
757. concretum Csy. 18–156 Mich.
758. congruens Csy. 18–156 R.I.
759. frontale (Lec.) 48–462 R.I. Va. Mo. Ind.
assimile ‡ Hayw. nec Gyll. 10–26 Eur.
760. siticum Csy. 18–157 Cal. Nev.
761. adolescens Csy. 18–158 Cal.
762. umbraticum Csy. 18–158 Mich.
763. scenicum Csy. 18–159 Cal.
764. acutifrons Lec. 79–509 Colo. Ut.
765. clemens Csy. 18–159 Ut.
766. peregrinum Csy. 18–159 Alas.
767. connivens (Lec.) 52–188 Cal. Vanc.
768. vapidum Csy. 18–160 Cal. [Sask.
769. disparile Csy. 18–161 Cal.
770. ampliceps Csy. 18–161 Cal.
771. tersum Csy. 18–162 Cal.
772. cautum (Lec.) 48–464 Nfld.-Alas.
773. invidiosum Csy. 18–162 N.Mex. [Colo.
774. habile Csy. 18–162 Ill. Mich.
775. remotum Csy. 18–163 Cal.
776. anguliferum (Lec.) 52–185 Cal. Ind.?
?
— biimpressum Mann. 43–217 Alas.
— glabriusculum Mann.53–147 Alas.
— kuprianovi Mann. 43–217 ?
— fortestriatum(Mots.)45–352 Alas.
— laterimaculatum (Mots.) 59–130 Cal.
— obscuromaculatum (Mots.) 59–130 Alas.?

Amerizus Chd. 68–211

777. crassicornis Csy. 18–165 B.C.
778. oblongulus (Mann.) 52–299 Alas. Lab.
?wingatei (Bland) 63–319 [Nfld. Mass.
779. spectabilis (Mann.) 52–298 Alas. B.C.
780. longicornis Csy. 18–166 Cal.
781. keeni Csy. 18–166 B.C.

Anillus Duval 51–72
(*Anillinus* Csy. 18–167)

782. carolinæ Csy. 18–168 N.C.
783. fortis Horn 68–127 Ga. Tenn. Va.
784. dohrni Ehlers 83–36 Fla.? [D.C.
785. affabilis Brues 02–366 Tex. (N.C. [Ind.?)
(*Anillaspis* Csy. 18–168)
786. explanatus Horn 88–26 Cal.
787. debilis Lec. 53–397 Cal.

Lymneops Csy. 18–168

788. angusticeps Csy. 18–169 Cal.
789. laticeps (Lec.) 58–61 Cal.
?
790. puritanum (Hayw.) 97–129 Mass.

Pericompsus Lec. 51–191

I. (*Pericompsus* s. str.)

791. sellatus Lec. 51–191 Cal. Ariz.

II. (*Tachysops* Csy. 18–171)

792. ephippiatus (Say) 34–439 N.Eng.-Tex.
elegantulus (Laf.) 41–46 [Ind.

III. (*Tachysalia* Csy. 18–173)

793. lætulus Lec. 51–192 Ariz.

Paratachys Csy. 18–174

794. austinicus Csy. 18–174 Tex.

Tachyura Mots. 62–27
(*Barytachys* Chd. 68–211)

795. rapax (Lec.) 51–192 Cal.Nev.Ariz.
796. audax (Lec.) 51–193 Ariz. Ut. Tex.
797. dolosa (Lec.) 48–470 Ind. Wis. Mo.
798. cockerelli (Fall) 07–218 N.Mex.
799. anthrax (Lec.) 51–192 So.Cal.
800. solita Csy. 18–178 Tex.
801. soror Csy. 18–179 Tex.
802. monticola Csy. 18–179 N.Mex.
803. nebulosa (Chd.) 68–214 La. Miss. Ut.
incurvus ‡ Lec. nec Say
804. sectator Csy. 18–180 Ut.
a. sospes Csy. 18–180 Ariz.
805. incurva (Say) 34–440 Can. Fla. L. Sup. Ind. Cal.
pulchellus ‡ (Lec.) nec Laf. [Ariz.
anceps (Lec.) 48–470
806. vernicata Csy. 18–181 Ind.?
807. congener Csy. 18–181 Tex. Miss.
808. gemella (Csy.) 84–71 N.J. Va.
809. fuscicornis (Chd.) 68–214 La. Fla.
810. parallela Csy. 18–182 R.I.
811. granaria (Dej.) 31–61 Can. Fla. Neb.
glossema (Csy.) 84–70 Pa. [Ind.
occulta (Lec.) 48–470
812. brevis Csy. 18–182 Va.
813. lætifica Csy. 18–183 R.I.N.Y.N.C. Mo.
814. renoica Csy. 18–183 Nev. Cal.
815. tahoensis Csy. 18–183 Cal.
816. apacheana Csy. 18–184 Ariz.
817. sedula Csy. 18–184 Cal.
818. profuga Csy. 18–185 Nev.
819. xanthopus (Dej.) 31–60 Mass.Fla.Ind.
mendax (Lec.) 48–469 [N.Mex.?
a. laxipennis Csy. 18–185 R.I.
b. famelica Csy. 18–185 R.I.
820. levipes Csy. 18–186 R.I. L. I. N. J.
821. liebecki (Hayw.) 00–207 Tex. [Va.
822. rubricauda Csy. 18–186 Tex.La.Ia.Ind.
823. ancilla Csy. 18–186 N.C.
824. fatua Csy. 18–187 Fla.
825. capax (Lec.) 63–20 N.J. Fla. Ia. Mo. Ind.
826. saturata Csy. 18–187 N.C. Pa.
827. gaudens Csy. 18–188 Tex.
828. fracta Csy. 18–188 Tex.
829. tripunctata (Say) 34–439 Can. Va. Ind. Tex.

Tachyura Mots.

830. vivax (Lec.) 48–468 Pa. N.C. Ia.
831. laredoana Csy. 18–189 Tex. [Ind.
832. serva Csy. 18–189 N.Y.
?
833. obesulus (Lec.) 51–192 Ariz. Cal.
834. ferrugineus (Dej.) 31–59 Mass. S.C. Ia.
ovipennis (Chd.) 68–215 [Ind.
835. frontalis (Hayw.) 00–212 Mass. N.Y. Pa.

Tachys Steph. 29–2
(*Polyderis* Mots. 62–27, pars)

I. (*Tachys* s. str.)

836. edax Lec. 51–194 Or. Cal. Nev. Ut.?
837. umbripennis Chd. 68–213 Tex. Ark.
838. vorax Lec. 51–194 So.Cal. Ariz. Tex.
839 pumilus (Dej.) 31–43 Fla. La. Tex.
840. oblitus Csy. 18–195 N.J.
841. cuneatus Csy. 18–195 N.Y.
a. appalachius Csy. 18–195 N.C.
842. iowensis Csy. 18–195 Ia.
843. columbiensis Hayw. 00–231 S.C. Fla. N.C.
844. sagax Csy. 18–197 No. Ill.
845. ventricosus Lec. 63–20 Fla. La. Tex.
oopterus Chd. 68–212
846. albipes Lec. 63–20 Fla. La.
847. latipennis Hayw. 00–217 L.Cal.
848. gentilis Csy. 18–197 Ind.?
849. proximus (Say) 23–88 N.Eng. N.C.
850. rhodeanus Csy. 18–198 R.I. [Neb. Ind.
851. scitulus Lec. 48–471 Can. Fla. Tex.
852. pallescens Csy. 18–199 Ia. Miss. [Ind.
853. hyalinus Csy. 18–200 Tex.
854. temporalis Csy. 18–200 N.Y.
855. nubifer Csy. 18–200 Miss.
856. obliquus Csy. 18–201 L.I.
857. coruscus Lec. 48–472 R.I. Fla. Colo.
æneipennis ‡ Chd. 68–211 [Ind.
858. æneipennis Mots. 62–29 Ala. Miss.
859. spadix Csy. 18–202 Tex.
860. laxicollis Csy. 18–202 Tex.
861. vernilis Csy. 18–202 Tex.
862. sequax Lec. 48–472 Colo.
— brunnicollis (Mots.) 62–28 Ala.
— reflexicollis (Mots.) 62–31 N.Y.
— glabrella (Mots.) 62–34 Ala.
— testaceolimbata (Mots.) 62–33 Ala.

II. (*Isotachys* Csy. 18–204)

863. vittiger Lec. 51–193 So.Cal. Vanc.

Tachys Steph.

864. marginellus Lec. 51–194 Ariz.
865. funebris Csy. 18–205 Ut.
866. litoralis Csy. 84–15 N.J.
867. pallidus Chd. 68–212 Tex. Fla.
868. omissus Csy. 18–206 Va.
869. luridicollis Csy. 18–207 Tex.
870. torrescans Csy. 18–207 Miss.
871. pugnax Csy. 18–207 Tex.
occultator ‡ Hayw. nec Csy.
872. subtropicus Csy. 18–208 Tex.
873. occultator Csy. 84–69 N.J. Fla. Tex.
874. bradycellinus Hayw. 00–224 La. Tex.
875. esurialis Csy. 18–209 So.Cal.
876. corax Lec. 51–194 So.Cal. Ariz. Ut.
877. mordax Lec. 51–193 So.Cal. Ariz.
878. virgo Lec. 51–194 So.Cal. [Ut.
879. misellus Laf. 41–48 Tex.

III. (*Microtachys* Csy. 18–210)

880. congestus Csy. 18–212 Va.
881. unistriatus Csy. 18–212 Pa.
882. rectus Csy. 18–213 La.
883. lævus (Say) 23–88 Can. Fla. Tex.
troglodytes (Dej.) 131–44 [Ind.
884. flumenalis Csy. 18–213 Miss.
885. diaphanus Csy. 18–214 Tex.
886. rufotestaceus Hayw. 00–217 So.Cal. Ariz.
? [Tex.
887. trechiformis Hayw. 00–216 Ariz.

Tachyta Kby. 37–56
(*Tachymenis* Mots. 62–27, pars)

888. angulata Csy. 18–216 Wis.
889. kirbyi Csy. 18–216 Minn.
890. nana (Gyll.) 10–30 Eur. (N.Am.?)
891. falli (Hayw.) 00–199 Cal. Vanc.
892. inornata (Say) 23–88 Can. Fla. Ia.
nana ‡ auct. nec Gyll. [Ind. So.Cal.
picipes (Kby.) 37–56
893. collaris Csy. 18–218 Wash.
894. arizonica Csy. 18–219 Ariz.
895. debilicollis Csy. 18–219 N.Y.
896. californica Csy. 18–219 Cal.
?
897. rivularis (Mots.) 50–8 Alas.

Tachymenis Mots. 62–27

898. flavicauda (Say) 23–87 Can. Fla. Cal.
apicalis (Sturm) 43–36 [Ind.
marginicollis Mots. 62–32 La.

MICRATOPINI

Micratopus Csy. 14–42
(*Blemus* ‡ Lec. 48–473)
(*Lymnastes* ‡ Mots. 62–27)

Micratopus Csy.

899. æneseens (Lec.) 48–473 N.C. Fla. La.
900. fusciceps Csy. 14–43 Miss.

POGONINI

Putzeys 47; Chaudoir 71; Horn 75, 76, 83; Schæffer 01, 15; Van Dyke 18; Casey 18

Patrobus Dej. 28–26

901. longicornis (Say) 25–40 Nfld.-Minn.
americanus Dej. 28–34 [N.C.-Mo. Ind.
902. septentrionis Dej. 28–29 Eur. Bor. Am.? Man.
hyperboreus Dej. 28–30 Greenland
?fossor (O. Fab) 80– Greenland

Patrobus Dej.

?fossifrons (Esch.) 23–104 Alas.
?foveicollis (Esch.) 23–105 Alas.
longiventris Mann. 53–145 Alas.
a. tenuis (Lec.) 50–207 Mich.
b. lecontei Chd. 71–47
rufipes || Lec. 63–18 H.B.T.

Patrobus Dej.
c. labradorinus Csy. 18–395 Lab.
d. minuens Csy. 18–396 Lab.
e. lævicеps Csy. 18–397 Lab.
903. fulvus Mann. 53–145 Alas.
904. insularis Csy. 18–397 Alas.

Platidius Chd. 71–43
905. californicus (Mots.) 59–123 No.Cal.
trochantericus(Lec.)69–375 No.Cal.
obtusiusculus Chd. 71–43 H.B.T.
stygicus Chd. 71–46 Nfld.
a. latipennis Csy. 18–399 Cal.
b. incisus Csy. 18–399 Cal.
c. strenuus Csy. 18–400 Wash.
d. rectus Csy. 18–400 Nev.
e. sierranus Csy. 18–401 Cal. Nev.
f. breviceps Csy. 18–402 Colo.
906. aterrimus (Dej.) 28–32 Colo. Alas.
fulcratus (Lec.) 69–374 Vanc.
a. breviusculus Csy. 18–401 Nev.
b. tenuitarsis Csy. 18–403 Colo.
c. coloradensis Csy. 18–403 Colo.
d. reflexus Csy. 18–403 Colo.
e. filicornis Csy. 18–404 No.Cal.
907. angusticollis (Mann.)53–146 Alas.
908. rugicollis (Rand.) 38–1 Can. Pa.

Trechus Clairv. 06–22
909. borealis Schffr. 15–47 Lab. Nfld.
N.J. Man.
rubens ‡ auct. nec Fab. 92–140
Eur. N.S.
puritanus Csy. 18–407 Mass.
rhodensis Csy. 18–408 R.I.
brumalis Csy. 18–408 Lab.

Trechus Clairv.
910. chalybeus Dej. 31–17 Alas. N.J. Ind.
a. californicus Mots. 45–347 Alas. Or. Cal.
b. tahoensis Csy. 18–407 Cal.
c. pallescens Csy. 18–407
fulvus || Lec. 48–415 Minn. Wis.
d. micans Lec. 48–414 L.Sup.
e. utahensis Schffr. 15–48 Ut.
f. coloradensis Schffr. 15–48 Colo.
g. saxatilis Csy. 18–408 Colo.
911. ovipennis Mots. 45–348 Alas. Cal.
lævigatus Lec. 63–14
912. pomonæ Fall 01–211 So.Cal.
913. carolinæ Schffr. 01–212 N.C.
914. arizonæ Csy. 18–409 Ariz.
915. hydropicus Horn 83–273 Va. N.C.
flavipes Kby. 37–48

Thalassotrechus Van D. 18–303
(*Anatrechus* Csy. 18–411)
916. barbaræ (Horn) 92–41 So.Cal.
917. nigripennis Van D. 18–304 Cal.

Anophthalmus Sturm 44–131
918. tellkampfi Er. 44–384 Ky.
919. interstitialis Hubb. 80–52 Ky.
?striatus Mots. 62–41 Ky.
920. menetriesi Mots. 62–40 Ky.
ventricosus Mots. 62–42 Ky.
angulatus Lec. 63–18 Ky.
921. tenuis Horn 71–327 Ind. Va.
eremita Horn 71–325 Ind.
922. pusio Horn 68–125 Va. Ky.
923. pubescens Horn 68–126 Ky.
924. audax Horn 83–272 Ky.
925. horni Garman 92–241 Ky.

POGONINI VERI

Pogonus Dej. 28–6
926. texanus Chd. 68–64 Tex.

Pogonistes Chd. 71–43
927. planatus Horn 76–250 So. Cal.
depressus || Lec. 74–44

Diplochaetus Chd. 71–43
928. lecontei Horn 76–250 N.J. Fla. Tex.

PTEROSTICHINI

Bonelli 09; Chaudoir 38; Leconte 52, 73; Horn 81, 92; Schaupp 82; Poppius 06; Casey 13, 14, 18; Leng 15

Myas Dej. 28–423
929. coracinus (Say) 25–59 Can. L.Sup.
cyanescens Dej. 28–425 [Ind. N.Y.
930. foveatus Lec. 48–355 Mass. N.Y.

Hammatomerus Chd. 38
931. morionides Chd. 68–57 Cal.

Holciophorus Lec. 52–249
932. ater (Dej.) 31–339 So.Cal. Vanc.
aterrimus (Mots.) 45–341
lama Men. 44–60
a. vancouveri Csy. 13–97 Vanc.
b. pollens Csy. 13–97 Cal
c. cephalus Csy. 13–98 Cal.
d. domitor Csy. 13–98 ?

Cylindrocharis Csy. 18–326
933. rostrata (Newn.) 38–387 N.C. Ga.
934. sulcatula Csy. 18–327 Ind.?

Cylindrocharis Csy.
935. piceata Csy. 18–327 N.Y.
936. grandiceps (Lec.) 48–336 N.Y.

Pterostichus Bon. 09.
(*Feronia* Latr. 17–191 pars)
(*Hypherpes* Chd. Csy. 18–328)
937. tarsalis Lec. 73–311 Cal. Or.
938. spissitarsis Csy. 18–329 Cal.
939. serripes (Lec.) 75–169 Cal.
940. sequoiarum Csy. 13–101 Cal.
941. amethystinus (Mann.) 43–201
Alas. Or.
a. novellus Csy. 13–102 Vanc. No. Cal.
b. metlakatlæ Csy. 13–102 B.C.
942. obsidianus Csy. 13–102 Cal.
943. scenicus Csy. 13–103 B.C.
944. arcanus Csy. 13–103 Cal.
945. brunneus Dej. 31–127 Alas.
scutellaris Lec. 73–312 Cal. Or.

Pterostichus Bon.

946. jejunus Csy. 13–104 Cal.
947. breviusculus Csy. 13–104 Cal.
a. mimus Csy. 13–105 Cal.
948. innatus Csy. 18–328 W. Can.
949. crenicollis Lec. 73–311 Or.-Alas.
pugetanus Csy. 13–107 Or.
950. suffusus Csy. 13–106 Cal.
951. rectilatus Csy. 13–106 Or.
952. plutonicus Csy. 13–106 Cal.
953. herculaneus Mann. 43–201 Alas. Or.
954. cuneatulus Csy. 13–108 Cal.
955. planctus Lec. 52–238 Or. Cal.
956. johnsoni Ulke 89–59 Or.
957. validus Dej. 31–325 Alas. Or.
algidus Lec. 52–238 Or.
958. kansanus Csy. 18–330 W.Kan.?
959. responsor Csy. 18–330 Vanc.
960. anthrax Csy. 18–331 Vanc.
961. castaneus Dej. 31–326 Alas. B.C.
wrangelli Csy. 13–131 Alas.

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962. fontinalis Csy. 13–110 Wy.
963. zunianus Csy. 13–111 N.Mex.
964. longulus Lec. 73–312 Colo. Mont.
a. restrictus Csy. 18–331 Colo. Mont.
b. luscus Csy. 18–332 Colo.
c. elumbis Csy. 18–332 Colo ?
965. protractus Lec. 60–319 H.B.T. Colo.
inornatus Bland 65–381 Colo.
966. parens Csy. 13–112 Cal.
967. placerensis Csy. 18–334 Cal.
968. occultus Csy. 13–112 Cal.
969. intectus Csy. 18–333 Colo.
970. vivax Csy. 18–333 Wy.
971. tahoensis Csy. 13–113 Cal.
972. californicus (Dej.) 28–222 So.Cal.
amplicollis Mots. 59–146 Cal.
simplex Lec. 49–188
muticus Lec. (Cr. Cat. 80–13)
a. cupidus Csy. 13–114 Cal.
973. humboldti Csy. 13–114 Cal.
974. vicinus Mann. 43–206 Cal.
975. vandykei Schffr. 10–392 Idaho
976. alâmedæ Csy. 18–334 Cal.
977. miscellus Csy. 13–115 So.Cal.
978. bucolicus Csy. 13–115 Cal. Or.
979. ordinarius Csy. 13–116 Cal.
980. laborans Csy. 13–116 Cal.
981. barbarinus Csy. 13–116 So.Cal.
982. inermis Fall 01–211 So.Cal.

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983. menetriesi Mots. 45–341 So.Cal.
ater || Mann. 43–206

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984. isabellæ Lec. 49–182 So.Cal.
985. jacobinus Csy. 13–118 So.Cal.
986. gliscans Csy. 13–119 Cal.
987. ovalipennis Csy. 13–119 So.Cal.
988. canallatus Csy. 13–120 So.Cal.
989. congestus Mén. 44–59 So.Cal. Alas.
illustris Lec. 49–182
990. diabolus Csy. 13–120 Cal.
991. castanipes Mén. 44–59 Cal.
contractus Lec. 49–182
992. gregalis Csy. 13–121 No.Cal.
993. annosus Csy. 13–122 Cal.
994. esuriens Csy. 13–122 Cal.
995. lacertus Csy. 13–123 No.Cal.

Pterostichus Bon.

996. sponsor Csy. 13–123 Cal.
997. sierranus Csy. 13–124 Cal.
998. mercedianus Csy. 18–335 Cal.
999. protensipennis Csy. 18–336 Cal.
1000. panticulatus Csy. 13–124 Cal.
01. spraguei Lec. 73–313 Nev.
02. gracilior Lec. 73–304 Neb. Or.
longicollis || Mots. 59–147 [So.Cal.
03. horni Lec. 73–313 So.Cal.

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04. sphodrinus Lec. 63–10 Neb.
05. rejectus Lec. 52–236 N.Y. N.J. Pa.
06. adoxus (Say) 25–46 Can. L.Sup.
tristis (Dej.) 28–324 [Ga. Ind.
interfector (Newn.) 38–387
sustentus Lec. 52–236 Ga.
subarcuatus Lec. 52–237 N.Y.
07. zephyrus Csy. 13–130 ?
08. tetricula Csy. 13–130 Wis.

Leptoferonia Csy. 18–336

1009. inanis (Horn) 91–32 Cal. Wash.
10. elongatus (Schffr.) 10–365 Id. [Nev.
11. crucialis (Csy.) 13–126 Cal.
12. angustus (Dej.) 28–328 Cal.
linearis (Lec.) 52–239
13. caligans (Horn) 91–33 Cal.
14. pumilis (Csy.) 13–127 Or.
15. humilis (Csy.) 13–128 No.Cal.
16. larvalis Csy. 18–337 No.Cal.
17. longicollis (Lec.) 52–239 Or.
18. fugax Csy. 18–337 Cal.
19. fuchsi (Schffr.) 10–392 Cal.
20. ovicollis (Schffr.) 10–393 No.Cal.
21. arizonicus (Schffr.) 10–393 Ariz.
22. inopina Csy. 18–338 Or.

Gastrellarius Csy. 18–338

1023. atronitens Csy. 18–339 Ind.
24. honestus (Say) 25–51 N.S.O.Mich.
americanus (Laf.) 35–72 [Ind.
fastiditus (Dej.) 28–323
25. scolopaceus Csy. 18–340 Ind.
26. deficiens Csy. 18–340 Ind.
27. blanchardi (Horn) 91–33 N.C. Ga.

Anaferonia Csy. 18–341

1028. distincta Csy. 18–342 Ia.
29. ovipennis (Lec.) 48–345 N.Mex.
30. substriata (Lec.) 48–344 Mo. Tex. N.
31. pantex Csy. 18–344 Tex. [Mex.
32. vernicata Csy. 18–344 N.Mex.
33. pimalis Csy. 18–345 So.Ariz.
34. constricta (Say) 23–147 Kan. Ark.
lixa (Lec.) 48–346
35. latebrosa (Lec.) 52–232 Ind.?
36. pudica Csy. 18–346 Tex.
37. papago Csy. 18–346 Ariz.
38. iowana Csy. 18–347 Ia.
39. abdominalis (Lec.) 48–347 Kan.
40. incisa (Lec.) 48–345 Dak. Ark.
41. fausta Csy. 18–348 Pa.

Cyclotrachelus Chd. 38 pars

1042. roticollis Csy. 18–349 Fla.
43. faber (Germ.) 24–23 Fla.
44. tenebricosus (Dej.) 28–301 N.Am.
45. unicolor (Say) 25–40 N.Y. Ga.
46. rotundatus (Lec.) 52–230 Ga.

Cyclotrachelus Chd.
1047. spoliatus (Newn.) 38–386 Ala. Ga.
brevoorti (Lec.) 48–352
48. vinctus (Lec.) 52–232 Ga. Tenn.

Megasteropus Csy. 18–350
1049. gigas Csy. 18–350 Tex.

Eumolops Csy. 18–351
1050. heros (Say) 23–145 Ark. Tex.
51. ampla Csy. 18–353 Tex.
52. prominens Csy. 18–353 Fla.
53. sexualis Csy. 18–354 N.Mex.
54. inflatula Csy. 18–354 Colo.
55. gravida (Hald.) 53–361 Ala. Tex.
56. furtiva (Lec.) 52–233 Ind. Mich. Pa
57. sulcata Csy. 18–355 Fla. [Md.
58. sodalis (Lec.) 48–349 Pa. Ia. Tex.
59. fatua (Lec.) 52–233 Ia. Ind. [Ind.
60. sallei (Lec.) 73–319 Tex. Kan.
61. colossus (Lec.) 48–343 Neb. La.
62. torva (Lec.) 63–9 Kan. Neb.
63. corax (Lec.) 48–347 Colo.

(*Evarthrinus* Csy. 18–357)
64. decepta Csy. 18–357 Ind.
65. impolita Csy. 18–358 Tex.

Evarthrus Lec. 52–225
1066. rubripes Csy. 18–359 Mo. Ia.
67. sigillatus (Say) 25–42 Ind. Md. Tex.
viduus (Dej.) 28–278
a. parallelus Csy. 18–359 Ind.
68. blatchleyi Csy. 18–360 Fla.
69. breviformis Csy. 18–360 N.C.
70. sexim̃pressus (Lec.) 48–350 Ind. Ia. Mo. Fla. Kan. Ariz.
71. americanus (Dej.) 28–392 Ind. N.C. La. Fla. Tex.
72. enormis Csy. 18–361 Tex.
73. nonnitens Lec. 73–320 La. Tex.
74. orbatus (Newn.) 38–386 Ga. Neb. Ind.
convivus Lec. 52–229 Ala.
75. vagans (Lec.) 48–349 Tex.
engelmanni Lec. 52–228
— acuminatus Chd. 68–52

Monoferonia Csy. 18–363
1076. mancus (Lec.) 52–234 Ga.
diligendus (Chd.) 66–53 Ga.
77. osculans (Csy.) 84–2 Ct Md. Ill.
apalachius (Horn) 92–41
diligendus (Lec.) nec Chd.

Ferestria Leng 15–576
1078. lævipennis (Lec.) 48–355 Fla. Ga.
79. acuta (Lec.) 52–231 Ga. Fla. La.
ovula (Chd.) 68–332
80. obsoleta (Say) 34–424 O. Ind. Tex.
81. approximata (Lec.) 48–354 D.C. Pa. [Fla.
82. morio (Dej.) 28–302 Fla. Ala.
83. nanula Csy. 18–364 Ala.

Feronina Csy. 18–365
1084. palmi (Schffr.) 10–393 N.C.

Euferonia Csy. 18–365
1085. relicta (Newn.) 38–387 N.Y. L.Sup.
protensa (Lec.) 63–12 [Ind.
86. proba (Csy.) 13–133 N.C.

Euferonia Csy.
1087. quadrifera Csy. 18–366 Ont.
88. vapida (Csy.) 13–134 No. N.Y.
89. stygica (Say) 25–41 N.Y. Pa. Ill.
bisigillatus (Harris) 28–123 [Ind. Mich.
rugicollis (Hald.) 43–300
picipes (Newn.) 38–377
90. ingens Csy. 18–367 Ind. Ill. Ia.
91. umbonata Csy. 18–368 R.I. [Mo.
92. subæqualis Csy. 18–368 Ind.
93. coracina (Newn.) 38–386 Can. Va. Nfld.
mœrens (Newn.) 38–387 [Ind.
94. flebilis (Lec.) 52–245 Pa.
95. adjuncta (Lec.) 52–245 Mich. Pa. N.Y.
96. erebea (Csy.) 13–134 L.Sup.
97. lachrymosa (Newn.) 38–386 Mass.-Pa.

Lyperopherus Mots. 60–93
1098. punctatissimus (Rand.) 38–3 Lab. Nfld. Me. H.B.T. Mass. L.Sup.
cancellatus Mots. 60–93 Sib.
schrenki Moraw. 63–256 Sib.
99. agonus (Horn) 80–140 Alas.

Refonia Csy. 18–370
1100. mœsta (Say) 23–41 Atl. St. Pa.
01. superciliosa (Say) 23–42 Pa. L.Sup.

Abacidus Lec. 63–9
(*Peristethus* Lec. 63–9)
(*?Abax* Bon. 09)
1102. fallax (Dej.) 28–321 N.C. Fla. Tex.
03. sculptus (Lec.) 52–248 S.&W. St.
striatus || (Dej.) 28–390
04. obesulus (Lec.) 73–314 Ga.
05. permundus (Say) 34–426 Ala. La. Neb.
atratus (Newn.) 38–386 [Ill. Ind.
06. planifer (Csy.) 13–136 Ind.
07. hamiltoni (Horn) 80–139 Pa.

Gastrosticta Csy. 18–371
1108. ventralis (Say) 25–46 Mo. Fla.
?cyclodera (Chd.) 65–100
09. puta (Csy.) 13–135 Tex.
10. obscura (Say) 34–435 Ind. S. W. St.
11. amnicola Csy. 18–372 Mo.
12. subacuta Csy. 18–373 Tex.
13. tumescens (Lec.) 63–11 La. Tex.

Cryobius Chd. 38–11
1114. ventricosus (Esch.) 23–186 Alas.
a. brevicollis (Tsch.) 91–142 Alas.
15. quadrangularis (Sahl.) 87–20 Alas.
16. subexaratus (Mann.) 53–128 Alas. Sib.
hyperboreus (Mann.) 53–129 Alas.
a. rugiferus Tsch. 91–141 Alas.
17. rotundicollis Mann. 53–132 Alas.
18. paludosus Sahlb. 44–46 Alas.
19. nordqvisti Sahl. 87–19 Alas.
20. viudicatus Mann. 53–129 Alas.
rufiscapus Mann. 53–341 Alas.
21. otariidinus Csy. 18–374 Alas.
22. subcaudatus Mann. 53–132 Alas. H.B.T.
23. subsinuosus Chd. 68–339 Alas.
subnitidulus Pop. 05–62 Alas.
24. empetricola (Dej.) 28–331 Alas.
frigidus (Dej.) 28–334 (N.Am.?)
25. holmbergi Pop. 06–70 Alas.
26. fatuus Mann. 53–120 Alas.
?fusco-æneus (Chd.) 35–448 Alas.

Cryobius Chd.
1127. riparius (Dej.) 28–332 Alas.
28. diplogma Chd. 68–340 Alas.
29. confusus Mots. 60–93 Alas
30. insulicola Pop. 06–81 Alas.
31. similis Mann. 52–96 Alas.
quadricollis Mann. 53–133 Alas.
32. pinguedinus (Esch.) 23–106 Alas.
33. beringensis Pop. 08–4 Alas.
34. incognitus Pop. 06–91 Alas.
35. splendidus Sahl. 87–49 Alas.
36. alaskensis Pop. 06–116 Alas.
37. hudsonicus Lec. 63–11 H.B.T. Lab. N.H. L.Sup.
38. labradorensis Chd. 68–340 Lab.
39. planus Sahl. 87–141 Alas.
40. pacificus Pop. 06–184 Alas.
41. arcticola Chd. 68–339 Greenland Lab. N.H.
42. montanellus Pop. 07–21 N.H.
43. fastidiosus Mann. 53–131 Alas.
44. brevicornis Kby. 37–31 H.B.T.
epipleuralis Sahl. 87–49 Alas.
45. mandibularis Kby. 37–31 H.B.T.
46. surgens (Lec.) 78–449 Colo.
47. beringi Csy. 18–374 Alas.
48. delicatus Csy. 18–375 Alas.
49. breviusculus Csy. 18–375 Alas.
— ochoticus Sahlb. Sib. (N.Am.?)
— arcticus Sahlb. n.m. infimus Maek. nec Chd. Alas.?
— borealis Mann. 51–50 (Genus?) Sib. nec N.Am.
— sejungendus Chd. 68–336 Cal.
— basilaris Mann. 65–261 Ala.
— commixtus Chd. 50–135 Alas.
— curtipennis Mots. 59–148 Cal.
— femoratus Mots. 45–22 Alas.
— licinoides Mots. 65–261 Am. bor.
— nimius Mots. 65–260 Ohio
— perseverus Mots. 65–260 Am. bor.
— ruficollis Mann. 53–131 Alas.
— rugulosus Mots. 45–342 Alas.
— texanus || Mots. 65–261 Tex.

Paraferonia Csy. 18–376
1150. lubricus (Lec.) 52–240 Ga.

Piesmus Lec. 48–340
1151. monedulus (Germ.) 24–18 Ala. Fla.
a. submarginatus (Say) 25–45 N.C.
punctatosulcatus (Sturm) 26–185

Pœcilus Bon. 09–
1152. subcordatus Lec. 49–181 N.Mex. Ariz. So.Cal.
53. scitulus Lec. 52–254 Mont. So.Cal.
54. lætulus Lec. 63–10 So.Cal. Ariz.
californicus || Lec. 52–253
occidentalis ‡ Chd.
55. occidentalis Dej. 28–231 So.Cal. Nev.
cursitor Lec. 52–254
cursorius Lec. 49–181
56. corvus Lec. 73–307 Dak.
57. cyanicolor Chd. 76–43 Mo.
cyaneus || Lec. 52–254
58. texanus Lec. 63–10 Tex. Ariz.
59. snowi Csy. 13–137 Ariz.
?mexicanus Chd. 75–44 Mex.
60. pimalis Csy. 13–138 Ariz.

Pœcilus Bon.
1161. chalcites Say 23–56 Atl. & W.St.
sayi Brullé 35–277 La. [Ind.
micans Chd. 43–767 La.
62. lucublandus Say 23–55 U.S. & Can.
manhattanis Csy. 84–72 N.Y. [Ind.
castanipes Kby. 37–37 Alas.
dilatatus Lec. 48–232 N.Y.
a. fraternus Say 24–270 Ut.
63. bicolor Lec. 48–232 Colo.
64. convexicollis Say 23–50 Mich.

Lophoglossus Lec. 52–248
1165. gravis Lec. 73–316 Pa.
66. haldemani (Lec.) 48–241 Fla. Ala. Mo. Ind.
67. tartaricus (Say) 23–44 N.J. Fla. Ind.
complanatus (Dej.) 28–281
68. strenuus Lec. 52–249 N.Y.
69. scrutator (Lec.) 48–242 O. Ind. Ill.
a. canadensis Chd. 68–331 Can.
70. illini Csy. 13–145 Ill.
71. bispiculatus Csy. 13–146 Ind.
72. vernix Csy. 13–146 Conn.
— prætermissus Chd. 68–331 La. Tex.

Omaseus Ziegl. Dej. Cat. 3ed. p. 39
1173. ebeninus Dej. 28–307 N.Y.-Tex.Ind.
acutangulus (Chd.) 43–771 Fla.
74. caudicalis (Say) 23–56 Can. Or. Md.
nigrita (Kby.) 37–32 [L.Sup. Ind.
agrestis Bland 65–381 Colo.
75. luctuosus (Dej.) 28–284 Nfld. N.Eng.
abjectus Lec. 52–243 [L.Sup. Ind.
hamatus Harris 28–123
76. corvinus (Dej.) 28–281 N.Y. Ga. Neb.
subpunctatus Harris 28–123 [L.Sup. Ind.
tenebrosus Chd. 37–30

Dysidius Chd. 38–8
1177. purpuratus Lec. 52–242 O. Ill. Ind.
?parallelus Mots. 59–147 Cal.
a. trinarius Csy. 18–377 Pa.
78. mutus (Say) 23–44 Atl. St. L.Sup. [Ind.
carbonarius (Dej.) 28–283
morosus (Dej.) 28–283
picicornis (Kby.) 37–33
pulvinatus Hausen 91–253 Can. Vt.
stenops Hausen 91–252 Can.

Parargutor Csy. 18–377
1179. lustrans (Lec.) 49–181 Cal. Nev. Ariz.
puncticollis (Mots.) 59–149 Cal.
80. atrolucens Csy. 18–378 Or.

Pseudargutor Csy. 18–378
(*Platyderus* Kby. nec Steph. 28–101)
1181. erythropus (Dej.) 28–240 Atl. St. Fla. L.Sup. Ind.
nitidus (Kby.) 37–29 Can.

Micromaseus Csy. 18–378
1182. patruelis (Dej.) 31–759 Nfld. N.Y. Ind.
bicolor (Kby.) 37–30 Can. [L.Sup.
?linearis (Mann.) 53–126 Alas.
83. femoralis (Kby.) 37–31 W. St. Ind.
84. desidiosus (Lec.) 63–11 W.St.
85. æquicollis Csy. 18–379 Mo.
86. corrusculus (Lec.) 73–314 N.Y. Mass.

Micromaseus Csy.
1187. splendidulus (Lec.) 63–10 So.Cal.
?

Bothriopterus Chd. 38–9
(*?Platysma* Bon. 09)
1188. pennsylvanicus (Lec.) 73–314 Pa. N.Y. Ind.
89. latescans (Csy.) 13–139 Cal.
90. oblongonotatus (Say) 34–425 L.Sup. Alas.
orinomus (Kby.)nec Steph. Can.
91. sericeus (Csy.) 13–140 Or.
92. adstrictus (Esch.) 23–103 Alas. Cal. Sib.
vitreus (Dej.) 28–320 [Eur.
maeklini (Lec.) 63–9
seriepunctatus (Mann.) 43–204 Cal.
oblongiusculus (Mots.) 59–319 Cal.
93. latebricola (Csy.) 13–141 Cal.
94. luczoti (Dej.) 28–321 Lab. Nfld. L. Sup. Ind. N.E.
alternatus (Mots.) 50–53 Alas. [Am.
95. shastanus (Csy.) 13–141 Cal.
96. saxatilis (Csy.) 13–142 Ariz. Id.
97. laxicollis (Csy.) 13–142 Colo.
98. oregonus (Lec.) 61–339 Or.
colligatus (Walk.) 66–314 Vanc.
obtusangulum (Mots.) 59–150 Alas.
motschulskyi (Maek.) 59–340 Alas.
sexpunctatus (Mann.) 53–127 Alas.

Loxandrus Lec. 52–250
(*Megalostylus* || Chd. 43–765)
1199. reflexus Lec. 78–376 Ala. Fla.
1200. lateralis Csy. 18–381 Fla.
01. saphyrinus (Chd.) 43–766 La.
a. iris Mots. 65–242 Miss.
02. calathinus Lec. 78–376 Fla.
03. floridanus Lec. 78–373 Fla.
04. cursitans Csy. 18–387 Fla.
05. comptus Csy. 18–387 Fla.
06. scitus Csy. 18–388 Fla.

Loxandrus Lec.
1207. contumax Csy. 18–388 Fla.
08. fulgens Csy. 18–388 Miss.
09. lucidulus (Dej.) 31–239 So.St.
a. laticollis (Chd.) 43–766 La. Tex.
b. brevicollis (Lec.) 48–338 Ala. La. Fla.
c. minor (Chd.) 43–766 La. Ind. [Ind.
d. nitidulus (Lec.) 48–239 La.
e. lucens Chd. 68–61 Tex.
f. parvulus Chd. 68–61 S.C.
g. micans Chd. 68–62 La.
10. flavilimbus Blatch. 18–418 Fla.
11. limatus Csy. 18–382 D.C.
12. collucens Csy. 18–382 Tex.
13. ludovicianus Csy. 18–383 La.
14. erraticus (Dej.) 31–240 Pa. O. Fla. Ala.
15. inquietus Csy. 18–389 Ind. [La. Ind.
16. velocipes Csy. 18–390 D.C.
17. rectus (Say) 25–58 Ind. Fla.
velox (Dej.) 31–245
a. tæniatus Lec. 52–252 La.
b. piciventris (Lec.) 48–237
c. pusillus Lec. 52–252
d. piceolus Chd. 68–62 Tex.
e. crenulatus Chd. 68–63 Tex.
f. proximus Chd. 68–64 Tex.
g. rapidus Chd. 68–64 La.
h. mandibularis Csy. 18–382 D.C.
18. suturalis Csy. 18–384 Fla.
19. cervicalis Csy. 18–385 Fla.
20. mundus Csy. 18–385 Fla.
21. accelerans Csy. 18–386 Tex.
22. parallelus Csy. 18–386 La.
23. agilis (Dej.) 31–244 Pa. Fla. Ind.
24. parvicollis Csy. 18–389 Tex.
25. celeris (Dej.) 31–246 Fla. Tex.
celer ‡ auct.
26. vulneratus Csy. 18–390 Ind.
27. concinnus Csy. 18–391 Fla.
28. rectangulus Lec. 78–377 Fla.
29. crenatus Lec. 52–352 Fla. Ala.
30. brunneus Blatch. 18–417 Fla.
?

Stolonis Mots. 65–230
1231. ulkei Horn 85–129 Tex.

AMARINI

Leconte 55; Horn 92; Hayward 08; Casey 18

Feronalius Csy. 18–226
1232. pterostichinus (Hayw.) 08–20 N.Mex. Ariz.
?putzeysi Bates 78–600 Mex.

Curtonotus Steph. 28–138
(*Cyrtonotus* ‡ auct.)
1233. thoracicus Hayw. 08–21 Wy. Colo. Ariz. Nev.
34. blanchardi Hayw. 08–22 Neb. Cal.
35. jacobinus Lec. 55–346 Wash. Cal.
36. sponsor Csy. 18–228 No.Cal. [Ariz.
37. concretus Csy. 18–228 Cal.
38. stupidus Lec. 55–347 Cal.
39. bowditchi Hayw. 08–24 Tex. Ariz.
40. laticollis (Lec.) 48–368 Man. Ariz.
adstrictus Putz. 66–238
convexiusculus ‡ Kby. 37–35
41. spadiceus Csy. 18–229 N.Mex.
42. tartareus Csy. 18–229 Colo.?
43. carinatus (Lec.) 48–368 Mont. Neb.

Curtonotus Steph.
1244. rufimanus (Kby.) 37–35 Nfld. Colo.
brevilabris (Kby.) 37–35
lacustris Lec. 55–346
reflexus Putz. 66–241
45. cylindricus Lec. 78–450 Lab. Nfld.
46. hudsonicus Hayw. 08–29 Lab. [Colo.
47. labradorensis Csy. 18–231 Lab.
48. scrutatus Csy. 18–231 Lab.
49 eschscholtzi (Chd.) 37–36 Alas. Sib.?
50. melanogastrica Dej. 28–519 Alas. Sib.
51. brunnipennis Dej. 31–800 Lab. Colo. Alas.
borealis (Chd.) 53–775 Sib. (Green-
hyperborea ‡ Lec. 55–256 [land?)
obtusa Lec. 55–348
52. rubripennis Csy. 18–230 Colo.
53. deficiens Csy. 18–230 N.H.
54. argutus Csy. 18–231 N.H.
55. inanis Csy. 18–231 N.H.
56. infaustus Lec. 55–347 Alas.

Curtonotus Steph.
rufimanus || Mots. 42–176
carinatus ‡ (Mann.) 53–134
1257. catenulatus Csy. 18–230 Mont.
58. elongatus (Lec.) 50–207 Lab. Nfld.
?hyperboreus Dej. 31–800 [L.Sup.
59. pennsylvanicus Hayw.08–34 Can. N.Mex.
fulvipes || (Putz.) 66–235 [Ind.
— canadensis Putz. 66–256 Can.
— holmbergi Putz. 66–250 Alas.
— somnolenta Putz. 66–243 Alas.
— tranversicollis Putz. 66–236 Alas.
— tristis Putz. 66–255 Can.
— angustata || Sahl. 87–51 Alas.
— fulva DeG. 74–62 Eur. (Nfld.?)

Stereocerus Kby. 37–34
(*?Borcobia*)
1260. hæmatopus (Dej.) 28–769 Lab. Alas.
similis Kby. 37–34 H.B.T.

Leironotus Gangl. 92–315
1261. arenarius (Lec.) 48–403 Mass. L.Sup.

Leiocnemis Zimm. 32–38
1262. avida (Say) 23–148 N.S.Colo. Ind.
confinis (Dej.) 28–510 [L.Sup.

Bradytus Steph. 28–136
I.
1263. gravidus Csy. 18–236 Kan.
64. curtus Csy. 18–236 Mo.
65. exaratus Dej. 28–509 Mass. Neb.
furtivus (Say) 34–429 [Ind.
66. stygialis Csy. 18–237 Pa.
II.
67. apricarius (Payk.) 90–125 Eur. Sib. Nfld. N.Y.L.Sup.
III.
68. nainensis Csy. 18–238 Lab.
69. glacialis Mann. 53–135 Sib. Alas. Lab.
70. putzeysi Horn 75–129 Nfld.
IV.
71. schwarzi Hayw. 08–42 L.Sup. Lab.
septentrionalis || Lec. 48–358
72. latior Kby. 37–36 N.Y. Ill. L.
hyperborea ‡ Lec. 48–357 [Sup. Can.Ind.
lævistriatus Putz. 66–262
liber Lec. 55–349
oregonus Lec. 55–349
73. humphreysi Csy. 18–240 Ariz.
74. deceptus Csy. 18–241 N.Mex.
75. specularis Csy. 18–241 Ariz.
76. relictus Csy. 18–242 Colo.
77. obsolescens Csy. 18–242 Colo.
78. immundus Csy. 18–243 Cal.

Percosia Zimm. 32–18
1279. diffinis Lec. 55–354 Neb. Colo.
80. extensa Csy. 18–244 Or.
81. obesa (Say) 23–37 L.Sup. N.Y.
patricia ‡ Lec. 55–354 [D.C. Ind.
82. latissima Csy. 18–245 No. Ill.
83. ventricosa Csy. 18–245 L.I.
84. fortis Lec. 80–164 Tex.

Celia Zimm. 32–18
I.
1285. patruelis (Dej.) 31–793 Pa.
inæqualis Kby. 37–39

Celia Zimm.
splendida Hald. 43–300
?interstitialis (Dej.) 28–472 Eur. Sib.
interstitialis auct (=Dej.?) Lab. Alas. Ariz. Ind.
1286. lauta Csy. 18–248 Ariz.
87. formalis Csy. 18–248 Ut.
88. farcta Lec. 55–353 N.Mex. Colo.
89. finitima Csy. 18–249 Cal. [Man.
90. subdepressa Csy. 18–249 Nev.
91. modulata Csy. 18–250 N.Mex.
92. shastanica Csy. 18–251 No.Cal.
93. semota Csy. 18–251 Or.
94. solita Csy. 18–252 Neb.
95. reducta Csy. 18–252 Colo.
96. ellipsis Csy. 18–252 Kan. Colo.
97. nexa Csy. 18–253 Cal.
98. erratica (Sturm) 25–55 Eur. Sib. Alas.
punctulata (Dej.) 28–472 [L.Sup. Vt.
lævipennis Kby. 37–40 [Lab.Nfld.Ind.
II.
99. californica (Dej.) 28–474 Or. So.Cal.
1300. mexicana (Dej.) 31–792 Mex. Ariz.
III.
01. rectangula Lec. 55–355 Or. No.Cal.
IV.
02. laxicollis Csy. 18–258 L.I.
03. brumalis Csy. 18–259 Mich.
04. paganica Csy. 18–259 Mich.
05. terrestris Lec. 55–354 Colo. N.Mex.
06. defecta Csy. 18–260 N.Mex. Kan.
07. exposita Csy. 18–260 Or.
08. mimica Csy. 18–260 R.I.
09. remotestriata Dej. 28–473 Alas.Lab.Nfld.
remota Zimm. 32–27 [Alb.Man.(Sib.
discors Kby. 37–40 [N.I. So.Cal.?)
indistincta Mann. 53–45 [Ind.
reducens Mann. 53–46
10. fontinalis Csy. 18–261 N.Mex.
11. eldorensis Csy. 18–261 Colo.
12. docilis Csy. 18–262 Colo.
13. brunnescens Csy. 18–262 Colo.?
14. definita Csy. 18–263 No.Cal.
15. obligata Csy. 18–263 Ut.
16. pinorum Csy. 18–264 N.C.
17. nevadica Csy. 18–264 Nev.
18. sodalis Csy. 18–265 Staten Is.
19. chalcea Dej. 28–476 Mass. N.C. Colo.? Ind.
20. robustula Horn 92–32 Cal.
21. corvina Csy. 18–266 N.C.
22. amplipennis Csy. 18–266 Ariz.
23. gibba Lec. 55–355 L.Sup.
24. schotti Csy. 18–266 L.I.
25. sphærops Csy. 18–267 L.I.
26. merula Csy. 18–267 Colo.?
27. femoralis Horn 92–30 Colo.
28. lugubris Csy. 18–268 Nev.
29. nupera Horn 92–33 N.Mex. Colo.
30. greenei Csy. 18–269 N.Mex.
31. scolopax Csy. 18–269 Colo.
32. apachensis Csy. 84–3 Ariz.
33. patula Csy. 18–270 Ariz.
34. brunnea (Gyll.) 08–143 Eur. Alas.
35. amplicollis Mann. 53–139 [Colo. B.C.?
V.
36. imitatrix Horn 92–34 Cal. Vanc.
37. rotundiceps Csy. 18–272 Cal.
38. jacinto Csy. 18–272 So.Cal.

Celia Zimm.

1339. aurata (Dej.) 28–475 B.C.-So.Cal.
40. farallonica Csy. 18–273 Cal.
41. proba Csy. 18–274 Cal.
42. clementina Csy. 18–274 Cal. Is.
43. hilaris Csy. 18–275 Cal.
44. evanida Csy. 18–275 Or.
45. angustior Csy. 18–275 No.Cal.

VI.

46. sinuosa Csy. 18–277 B.C.
47. elusa Csy. 18–277 Colo.?
48. nupta Csy. 18–278 No. N.Y.
49. thoracica Csy. 18–278 Colo.
50. subænea Lec. 55–355 L.Sup. Nfld. Ind. Colo.?
51. hospes Csy. 18–279 Colo.
52. lucina Csy. 18–279 Del.
53. proditor Csy. 18–280 N.J.
54. lyncea Csy. 18–280 L.I.
55. nugator Csy. 18–281 Ind.? N.J.
56. curticeps Csy. 18–281 Va.
57. haldemani Csy. 18–281 Kan.
58. liquida Csy. 18–282 L.I.
59. pimalis Csy. 18–283 Ariz.
60. shoemakeri Csy. 18–283 L.I.
61. pallida Csy. 84–5 L.I.
62. politissima Csy. 18–284 L.I.
63. texana Putz. 66–196 Tex.
64. harpalina Lec. 55–355 Ut. N.Mex.
?acutangula Putz. 66–194
65. shantzi Csy. 18–285 Colo.
66. lubrica Csy. 18–286 N.J.
67. nigripennis Csy. 18–286 L.I.
68. volatilis Csy. 18–287 Va.
69. vegrandis Csy. 18–287 Wis.
70. fluminea Csy. 18–287 Miss.
71. crenulata Csy. 18–288 Minn.
72. musculus (Say) 23–35 N.Y. N.C. Ala. Fla.? L. Sup. Ariz. Ind.
contempta Lec. 48–266 N.Y. Rocky
73. virginica Csy. 18–289 Va. [Mts.
74. limbalis Csy. 18–289 N.C.
75. paulula Csy. 18–289 L.I.
76. scintilla Csy. 18–290 Va.
77. brevitarsis Csy. 18–290 N.C.
78. rubrica Hald. 43–301 Tex. Colo. M.
ferruginea Csy. 84–5 N.J. [St. Ind.

Amara Bon. 09
(?*Lirus* Zimm. 32–38)

I.

1379. perspecta Csy. 18–294 Cal. Is.
80. insignis Dej. 31–796 So.Cal. Alas.
compacta Mots. 50–59
cærulea Mots. 59–153
81. tarsalis Csy. 18–295 So.Cal.
82. insularis Horn 75–128 Cal. Is.
83. guadalupensis Csy. 18–295 Cal. Is.

II.

84. arcuata Csy. 18–296 L.I.
85. impunctcollis Say 23–36 U.S. Can. Fla.
trivialis ‡ Dej. 28–464 [Alas. L.Sup.
anthracina Hald. 43–300 [So.Cal. Ind.
86. difficilis Lec. 48–362 Miss.
87. acuminata Csy. 18–297 N.Mex.

Amara Bon.

1388. mystica Csy. 18–298 So.Cal.
89. fallax Lec. 48–362 Ont. N.C. N.H. Ind. L.
ovalis Sturm Cat. 43–28 [Sup. Ia. Colo.
90. besperia Csy. 18–298 Cal. Id. N.
91. keeni Csy. 18–299 B.C. [Mex.
92. lacustrina Csy. 18–299 L.Sup.
93. laurana Csy. 18–300 Colo.
94. otiosa Csy. 18–300 Minn.
95. provoana Csy. 18–300 Ut.
96. vigilax Csy. 18–301 Cal.
97. pomona Csy. 18–301 So.Cal.
98. humilis Csy. 18–302 R.I. L.I.
99. tenax Csy. 18–302 Colo.
1400. cupreolata Putz. 66–180 Can. N.C. Ill. Ia. Ind. Mo.
01. rustica Csy. 18–303 N.C. [Colo.
02. marquettensis Csy. 18–304 Mich.
03. æneopolita Csy. 18–304 Mich.
04. nebraskana Csy. 18–304 Neb.
05. oblongula Csy. 18–305 Colo.
06. conflata Lec. 55–352 Cal. Ut.
07. diffidens Csy. 18–306 Cal.
08. leydeni Csy. 18–306 Id.
09. enervis Csy. 18–306 Pa.
10. turbata Csy. 18–307 Colo.
11. devincta Csy. 18–307 Conn.
12. wingatei Csy. 18–308 N.Mex.
13. oviformis Csy. 18–308 Colo.
14. convexa Lec. 48–363 L.Sup.
15. polita Lec. 48–364 Colo. (Pa.?)
16. piceola Csy. 18–309 N.Mex. [Ind.
17. impedita Csy. 18–310 Wy.
18. ebenina Csy. 18–310 Colo.
19. castalia Csy. 18–311 N.Mex.
20. confusa Lec. 48–361 Colo. Kan. N.Mex.
21. subpunctata Lec. 55–352 Colo. N.Mex.
22. æneolucens Csy. 18–302 L.Sup.
23. crassispina Lec. 55–352 Mass.-Ala. L.Sup.
24. parviceps Hayw. 08–54 L.Sup.
25. cœlebs Hayw. 08–58 B.C.
26. brunnipes Mots. 59–154 Cal.
27. protensa Putz. 66–183 H.B.T. Ind.?
28. littoralis Mann. 43–207 Alas. H.B.T.
plebeja var. Dej. 28–467 [Sib?

III.

29. basillaris (Say) 23–35 N.H. Va. Ind.
lucidula (Dej.) 28–477
marylandica (Csy.) 84–4 Md.

Triæna Lec. 48–365

1430. pallipes Kby. 37–39 L.Sup. R.I.
?depressa Lec. 48–365 [D.C. Va.
31. sherrani Csy. 18–315 L.Sup.
32. longula Lec. 55–350 B.C.-So.Cal.
33. angustata (Say) 23–36 Can. Kan. N.Y. Ind.
indistincta Hald. 43–300
34. flebilis Csy. 18–316 L.Sup.
35. scitula (Zimm.) 32–32 Cal. Ut.
36. uinta Csy. 18–317 Ut.
37. afoveolata Hayw. 08–47 Cal. Vanc.
38. vapida Csy. 18–317 Ut.
39. profuga Csy. 18–318 Ariz.
40. belfragei Horn 92–19 Tex.

LICININI

Leconte 48; Horn 80; Casey 13; Leconte 80

Rembus Latreille 22–85
(*Diplocheila* Brullé 35)

1441. major Lec. 48–418 — Can. Mich. La. Fla. Ind.
a. expansa Csy. 13–148 — Ia.
b. oblonga Csy. 13–148 — Ia.
42. laticollis Lec. 48–419 — La. Fla. Ala. N.Y.-Neb. Ind.
a. cliens Csy. 97–348 — Kan.
b. planulata Csy. 13–149 — Tex.
c. assimilis Lec. 44–50 — N.Y. Ga.
43. impressicollis Dej. 31–682 — Pa. N.Y.-Wash. Ind.
a. striatopunctatus Lec. 44–50
44. obtusa Lec. 48–420 — Colo. Ind.
45. nupera Csy. 97–348 — Fla.
46. alternans Csy. 97–347 — L.Sup. Ind.

Dicælus Bonelli 13–446
(*Liodicælus* Csy. 13–154)

1447. lævipennis Lec. 48–321 — Colo. Ut.
48. evanescens Csy. 13–154 — Ariz.

(*Dicælus* s.s.)

49. costatus Lec. 48–389 — Tex.
50. dilatatus Say 23–68 — N.Y.-Tex. Ind.
a. dejeani Dej. 31–687 quadratus || Laf. 51–277
51. planicollis Lec. 48–327 — Ga.
52. splendidus Say 23–68 — Neb.-Tex.
decoloratus Lec. 48–325
53. speciosus Csy. 13–152 — N.Mex.
54. purpuratus Bon. 13–447 — N.Y.-Fla.-Mo. [La. Ind.
chalybæus Dej. 31–683
confusus Lec. 48–324
iricolor Lec. 48–326
violaceus Bon. 13–447
cyaneus Dej. 31–686
55. quadratus Lec. 48–322 — Fla. Ala.
lecontei Laf. 51–277
56. carinatus Dej. 31–689 — Ga. Fla. Ala.
57. alternans Dej. 26–387 — Ga. Fla.

Dicælus Bonelli.

1458. sculptilis Say 23–68 — Md.-Mo. Ind.
59. ocellatus Blatch. 12–77 — Ark.
60. furvus Dej. 26–388 — Mo.-Fla.?Ind.
61. carolinensis Csy. 13–150 — N.C.
62. subtropicus Csy. 13–151 — Fla.
63. crenatus Lec. 48–389 — La. Tex. Ala. Fla.
64. ovalis Lec. 48–327 — Pa.-Tex.-Ind.
65. elongatus Bon. 13–447 — Conn. N.Y.-
obscurus Lec. 48–429 [Tex. Fla. Can.
opacus ‡ Lec. 48–429 (nec Ferté) [Ind.
a. simplex Dej. 26–389 — N. Am.
b. debiliceps Csy. 13–151 — Pa.
66. ambiguus Laf. 41–48 — N.Y.-Ill. Ind.
a. opacus Laf. 41–43 — Ala.
b. reflexus Lec. 48–330 — Pa.
c. turbulentus Lec. 63–12 — Mo.
67. teter Bon. 13–449 — N.Y. Va. O.
a. ovipennis Csy. 13–152 — N.C. [Ind.
68. politus Dej. 26–391 — Can. N.Y.-
leonardi Harris 28– [Fla.? Ind.
a. angustus Csy. 13–152 — Tenn.

Licinus Latreille 04–322

1469. silphoides Fab. 01–190 — Eur. Mass.†

Badister Clairville 06–90

1470. notatus Hald. 43–299 — N.Y.-La. Ind.
terminalis Lec. 44–51
71. pulchellus Lec. 48–418 — Ga.-Ind.
72. bipustulatus Fab. 01–203 — Eur. Vanc.
73. maculatus Lec. 53–387 — Pa. Ind.
74. elegans Lec. 80–165 — N.J. Tex. Fla.
75. obtusus Lec. 78–594 — L.Sup.
76. ferrugineus Dej. 31–690 — Alas.-Cal.
a. submarinus Mots. 59–158
77. anthracinus Lec. 59–83 — Or. So.Cal.
78. flavipes Lec. 53–388 — N.Y. La. Fla.
79. micans Lec. 43–52 — L.Sup. Mass.-
80. laticeps Blatch. 10–118 — Ind. [Fla. Ind.
81. reflexus Lec. 80–166 — Ind. N.Y. Mich. La. Fla.

PLATYNINI

Leconte 79; Schaupp 83; Casey 13; Horn 92

Calathus Bonelli 09

1482. gregarius Dej. 28–76 — N.Y. Fla. Tex.
distinguendus Lec. 43–49 [L.Sup. Ind.
a. sonoricus Csy. 13–156 — Ariz.
b. alutaceus Csy. 13–157 — Mo.
83. ingratus Dej. 28–77 — Nfld. Lab. Can.
confusus Lec. 54–36 — L.Sup. [Alas.
incommodus Mann. 53–139 — Alas.
a. appalachius Csy. 13–157 — N.C. N.J.
b. labradorinus Csy. 13–158 — Lab.
84. opaculus Lec. 54–37 — Ind. M. S. W. St.
a. obesulus Csy. 13–157 — Kan. Tex. Miss.
b. coloradensis Csy. 13–157 — Colo.
c. reductus Csy. 13–158 — Colo.
d. acomanus Csy. 13–158 — N.Mex.
85. ruficollis Dej. 28–78 — So.Cal. Cal.
a. behrensi Mann. 43–195 — Cal.
b. quadricollis Lec. 54–37 — Cal.
c. obscurus Lec. 54–37 — So.Cal. Cal.

Calathus Bonelli.

d. longulus Csy. 13–158 — Cal.
1486. guadalupensis Csy. 97–349 — Guad. Is.

Pristodactyla Dej. 28–82

1487. ambigens Bates 91–251 — Ariz.
88. advena (Lec.) 48–217 — Lab. N.H.- Alas.
mollis || (Esch.) 23–102 — L.Sup. Alas.
dulcis (Mann.) 53–141 — Alas.
a. lenis (Mann.) 53–140 — Alas.
89. impunctata (Say) 23–45 — Nfld. N.Y. M. St. Ind.
americana Dej. 28–83 — L.Sup.
a. convexa Csy. 13–160 — No. N.Y.
b corvina Lec. 48–217 — Pa. Ga.
90. dubia (Lec.) 54–38 — Colo. N.Mex.
91. arizonica Csy. 13–160 — Ariz.
92. zuniana Csy. 13–161 — N.Mex.

† Introduced.

Pristonychus Dej. 28–43

1493. complanatus Dej. 28–58 † Eur. N. Am. L. Cal. So.Cal.
94. terricola Hbst. Arch. 140† Eur. N. Am. N. S.

Rhadine Lec. 48–218

1495. larvalis Lec. 48–219 (Cal?) Mo.
96. nivalis Horn 81–74 N. Mex.
97. umbra Csy. 13–163 N. Mex.
98. sublustris Csy. 13–164 Ariz.
99. dissecta Lec. 63–8 Ariz. Colo. Tex. N. Mex.
1500. constricta Csy. 13–165 Ariz.
01. jejuna Lec. 78–449 Ariz.Cal. Nev.
02. gracilenta Csy. 13–166 Cal. [Or.
03. caudata Lec. 63–7 D.C.Ohio Ind.
04. myrmecodes Horn 92–42 Ariz.
05. longipes Csy. 13–167 N. Mex.
06. anthicoides Csy. 13–167 N. Mex.

Platynus Bonelli 09.
(*Platynus* s. s.)

1507. hypolithos (Say) 23–59 N.Y.Ohio Ind.
erythropus Dej. 28–97
08. angustatus Dej. 28–98 N. Y.-Pa.
09. gracilentus Beut. 03–517 N. C.
10. agilis Lec. 63–6 So. Cal.
fragilis || Lec. 54–41

(*Anchomenus* Bon. 09)

11. stygicus Lec. 54–42 Alas. Nfld.
maurus || Mots. 45–339 [Lab.
a. octofoveolatus Maekl. 57–338
angusticollis ‡ Kby. 37–23
12. ovipennis Mann. 43–196 Cal. Or.
rotundipennis Mots. 45–340
13. decens Say 23–53 Can.-S. C.
gagates (Dej.) 28–107 [L. Sup. Ind.
coracinus (Lec.) 48–220
decentis (Say) 23–53
14. sinuatus (Dej.) 28–108 N.Y.-L. Sup. Nfld.Lab. Ind. L.Sup-Or.
a. depressus (Hald.) 43–299 N.Y.
15. trifoveolatus Beut. 03–517 N. C.
16. opaculus Lec. 63–8 M.&W.St.Ind.
17. tenuicollis (Lec.) 48–222 L. Sup.
18. cincticollis (Say) 23–52 M.&S.St.Fla. ?maculifrons (Say) 23–146 [Ind.
blandus Germ. 24–12
corvinus (Dej.) 28–109
marginalis (Hald.) 43–299
deplanatus (Chd.) 43–763
19. reflexus Lec. 79–55 M.St. Can.
marginatus || (Lec.) 50–205 [L. Sup. Ind.
20. parmarginatus Ham.93–306 Pa. Ind.

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21. brunneomarginatus Mann. 43–196 So. Cal. Ariz.
marginatus Mén. 44–56
tenebricosus G. & H. n. m. 68–377
rugiceps Mann. 43–196
cinctellus Lec. 54–43
a. bicoloratus G. & H. n. m. 68–368
bicolor || Lec. 54–43 Cal.
22. extensicollis (Say) 23–54 Can.-Ariz.
proximus (Harris) 28–132 [L.Sup. Ind.
a. obscuratus (Chd.) 43–763 La.
elongatulus (Dej.) 28–112

Platynus Bonelli
b. viridis (Lec.) 48–222 Ind.
c. cyanescens Mots. 59–159 Cal.
d. simplex Lec. 54–46 So. Cal.
1523. decorus (Say) 23–53 Ind. La. Can. Fla. N.Y.-Ariz.
obscurus (Lec.) 48–223 [L. Sup.
thoracicus Dej. 28–114
a. testaceonotus Hausen 91–162 Que.
24. californicus (Dej.) 28–127 So. Cal.
25. floridanus Lec. 78–374 Fla.
26. texanus Lec. 78–374 Tex. Ariz.
27. bicolor Dej. 28–126 Sib. Alas. Cal.
marginellus Lec. 60–315 Cal.
28. piceolus Lec. 79–52 H. B. T.-Or.
29. anchomenoides (Rand.) 38–2 B. C.-Pa.
30. ferruginosus Dej. 28–128 Or. Cal.
31. erasus Lec. 79–52 Alas. Vanc.
32. sulcipennis Horn 81–75 Fla.
33. aeneolus Lec. 54–45 Or.
34. quadratus Lec. 54–50 Or. Cal.
35. funebris Lec. 54–45 So. Cal.
opacus Mots. 59–160
a. micans || Mén. 44–57 Cal.
36. clemens Lec. 63–8 N. S.

(*Agonum* Bon. 09)

37. errans (Say) 23–147 L. Sup.-
erythropus (Kby.) 37–28 [N. Mex. Ind.
a. subcordatus Lec. 50–250 Ind.
38. moerens (Dej.) 28–152 Atl. St. Ind.
39. tenuis Lec. 54–48 Mich. Nfld. Can.-N.J. Ind.
40. collaris (Say) 34–421 S. St. Ind.
41. mutatus G. & H. n. m.
atratus || Lec. 50–205 Can.-Pa. Ind.
lævis Lec. 54–48
molestus Lec. 66–347
42. melanarius (Dej.) 28–152 D.C.-Me.-Or.
?scutellaris Say 23–146 [Ind. L. Sup.
maurus (Hald.) 43–300
43. propinquus G. & H. n. m. N. S.-Mass.
piceus || (Lec.) 48–226
44. fraterculus Lec. 69–373 Vanc.
45. languidus Horn 92–42 Ariz.
46. affinis (Kby.) 37–27 Can.-N.J. Ind.
harrisi (Lec.) 48–225
47. carbo Lec. 50–205 H.B.T. L.Sup.
48. corvus Lec. 60–319 Ut. Or.-Can.
49. frater Lec. 54–49 So. Cal. [Ind.
?brevicollis || Dej. 28–159
50. arizonensis Horn 92–42 Ariz.
51. metallescens Lec. 54–48 H.B.T. L.Sup.
52. deceptivus Lec. 79–53 Lab. N. S. L. Sup.
53. cupripennis (Say) 23–50 U. S. L. Sup.
formosus Sturm Cat. 26–89 [Ind.
nitidulus Dej. 28–143
a. subsericeus Lec. 63–8 Kan.
54. hardyi Chd. mss. Lec. 79–53 Nfld.
55. excavatus (Dej.) 28–169 M.&W.St.Ind.
56. ferreus (Hald.) 43–299 M.&W.St.Ind.
ocreatus (Hald.) 43–299
57. basalis (Lec.) 48–227 N.J.-Kan. Ind.
vagans Lec. 54–52
58. nutans (Say) 23–52 N.J.-Ind. Kan.
femoratus (Dej.) 28–145 [Ariz.

† Introduced.

Platynus Bon.

a. striatopunctatus (Dej.) 28–167
crenulatus Lec. 54–53 [Fla. Ala. Ind.
decipiens (Lec.) 48–229
1559. albicrus Dej. 28–158 L.Sup.-Ga.
60. picticornis Newn. 44–414 Fla. [Ind.
61. maculicollis (Dej.) 28–175 Kan. So.Cal.
62. variolatus Lec. 49–178 So.Cal.
limbatus Mots. 45–21
63. sulcatus Dej. 28–131 Cal.
64. striatus Dej. 28–132 Cal.
65. perforatus Lec. 63–9 H.B.T. Alas.
?impressus Panz. 97–17 Sib. Eur.
v. splendidulus Mots. 45–138
66. octopunctatus (Fab.) 98–55 M.&W.St.Fla.
Can. Ind.
67. placidus (Say) 23–43 Me.-Ill. Ind.
morosus (Dej.) 28–145
68. fossiger (Dej.) 28–160 So.Cal.-Or.
famelicus Mén. 44–58
?brevicollis Dej. 28–159
robustus Mots. 59–158 Alas.
69. fallianus Leng n.m. 18–203
deplanatus || (Mén.) 44–57 So.Cal.
70. cupreus Dej. 31–735 H.B.T.-L.Sup.
chalceus (Lec.) 48–224
protractus Lec. 54–55
seminitidus Kby. 37–26
71. crassicollis Lec. 60–319 H.B.T.
72. vicinus G. & H. n.m. Can. L.Sup.
consimilis || Lec. 54–57
73. bogemanni (Gyll.) 08–697 Can. Or. D.C.
obsoletus (Say) 23–57 [Ind. Eur. &
luctuosus (Dej.) 28–172 [Sib. Nfld. Alas.
placidus ‡ (Lec.) 48–227 [L.Sup.
strigicollis (Mann.) 52–294
74. quadripunctatus (Dej.) 52–102
Can. L.Sup.
octocolus Mann. 53–144 [Lab. Eur. Sib.
stigmosus Lec. 54–58 [Alas.
75. bembidioides (Kby.) 37–15 L.Sup. Wash.
cicatricosus Mots. 64–233 [Alas.
76. albipes Fab. 94–33 Eur. Me.

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77. æruginosus (Dej.) 28–168 Atl. St. Fla.
L.Sup. Ind.
78. limbatus (Say) 23–49 S.C.-Fla. La.
palliatus (Dej.) 28–174 Tex. [Ind.
79. crenistriatus Lec. 63–9 W. St Ind.
80. rubripes (Lec. 68–244) M. St. Kan.
Ind.
81. punctiformis (Say) 23–58 L.Sup. Ga.
Can. Ariz. Ind.
rufipes (Dej.) 28–173 [Tex.-Fla. La.
foveicollis (Chd.) 43–764
rotundicollis Sturm Cat. 43–23 Neb.
saltuum Sturm Cat. 26–89 Pa.

Platynus Bon.

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1582. sordens Kby. 37–25 Lab. L.Sup.
83. picicornis Lec. 60–319 N.W. [B.C.
?similis Kby. 37–27 Alb. Mich.
?fragilis Mann. 53–142 Alas.
84. ruficornis Lec. 50–205 L.Sup. Alas.
picipennis var. Kby. 37–25 Ind. (Ariz.?)
gratiosus Mann. 53–142 Alas.
85. retractus (Lec.) 48–228 Mass.-L.Sup.
Nfld.
86. gemellus Lec. 79–54 Vanc. Ind.?
87. picipennis (Kby.) 37–25 D.C.-Kan.
lenum (Lec.) 48–223 [L.Sup. Ind.
elongatulus Hald. 43–300
dilutipennis Mots. 64–322
88. lutulentus Lec. 54–34 N.Y.-H.B.T.
Ind.
89. nigriceps (Lec.) 48–259 L.Sup.-B.C.
90. horni Hausen 90–235 Que.
90½. cyanopsis Bates 82–94 Mex. Ariz.
— exaratus Mann. 53–143 Alas.
— interstitialis Mots. 64–318 Alas.
— acuticollis Mots. 64–319 N.Am.
— iridipennis Mots. 64–321 La.
— planipennis Mots. 50–68 Alas.

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91. quadrimaculatus Horn 85–130
Ky. Ind.
(*Anchus* Lec. 54–38)
92. obscurus Hbst. 84–139 Eur. Sib. Can.-
pusillus Lec. 54–39 Ill. Ind. [N.Y.
americanus Lec. 48–256 Vt.
(*Colpodes* Macl. 25–17)
93. longiceps Schfr. 10–394 Ariz.

Olisthopus Dejean 28–176
1594. pictus Csy. 13–169 Wis.
95. parmatus (Say) 23–49 R.I.-D.C. Fla.
Can. Mich.
cinctus Say 34–424 Ohio-Ind.
a. iterans Csy. 13–170 Ind.
96. micans Lec. 48–230 Ga. La.
97. innuens Csy. 13–170 R.I.
98. filicornis Csy. 13–171 R.I.
99. pusio Csy. 13–171 La.
1600. brevicornis Csy. 13–171 Ill.

Perigona Castelnau 35–151
(*Trechicus* Lec. 53–386)
(*Nestra* Mots. 51–506)
(*Spathinus* Nietn. 58–428)
1601. nigriceps (Dej.) 31–44 So.Cal. Africa
Asia
02. pallipennis (Lec.) 53–386 S.C. N.C. Ind.
umbripennis (Lec.) 53–386 N.J. D.C. Fla.

ANCHONODERINI

Lachnophori

Lachnophorus Dej. 31–28
1603. elegantulus Mann. 43–215 Tex. Cal. So.
Cal. Ariz.
mediosignatus Mén. 44–62 Cal.

Euphorticus Horn 81–144
1604. pubescens (Dej.) 31–30 Ala. N.C. Fla.
L.Cal. Ga.
05. occidentalis Horn 91–38 So.Cal.

Anchonoderi

Anchonoderus Reiche 43–38
1606. quadrinotatus Horn 78–53 Tex.
?myops Reiche 43–39
07. unicolor Schfr. 10–395 Tex.
08. apicalis Horn 94–360 L.Cal.

Atrani

Atranus Leconte 48–438
1609. pubescens (Dej.) 28–122 N.Y.-D.C.
obconicus (Hald.) 43–229 [Ind.
a. pallescens Csy. 13–172 Pa.

CTENODACTYLINI

Leptotrachelus Latreille 29–371

1610. dorsalis (Fab.) 01–229 N.Y. Fla. Kan.
a. pallidulus Mots. 64–218 La. [Ind.

Comstockia Van Dyke 18–179

1611. subterranea Van D. 18–182 Tex.

ODACANTHINI

Casnonia Latreille 22–77

1612. pennsylvanica L. 58–620 Mass.-Cal. Fla.Can.Mich.
suturalis Chd. 72–405 [Ind.

Casnonia Latreille

1613. ludoviciana Sallé 49–297 Pa.-La. Ala.
14. lengi Schfr. 10–395 Ariz. [Fla.

DRIPTINI

Galerita Fabricius 01–214

1615. atripes Lec. 58–59 Kan.-Tex.
16. janus Fab. 01–136 Can. N.Y. Kan -Fla.
americana || Fab. 75–242 Ind. La.
cordicollis Chd. 43–699
cyanipennis Dej. 31–293
17. caseyi Leng 18–203
thoracica || Csy. 97–350 Fla.
18. lecontei Dej. 31–294 Fla. S.C.-Cal.
californica Mann. 43–183 La. Ariz.
19. infirma Csy. 97–350 Ariz.
20. bicolor Drury 70–94 N.Y.-Ga. Ind.
anericana Dej. 25–187
borealis Castln. 35–35
dubia Lec. 53–48
longicollis Chd. 43–700
a. obliqua Csy. 97–350 Fla.
b. intermedia Csy. 97–351 Iowa.
21. mexicana Chd. 72–3 Mex.
decipiens Horn 85–131 Ariz.

Zuphium Latreille 06–198

1622. longicolle Lec. 79–62 Cal.-Tex.
23. americanum Dej. 31–298 La.
24. mexicanum Chd. 62–314 Ariz.-Mex.
25. magnum Schfr. 10–396 Tex.

Pseudaptinus Cast. 35–50
(*Diaphorus* || Dejean 31–300)

1626. lecontei Dej. 31–301 Ga. Fla. La.
27. tennicollis Lec. 49–173 Tex.-Cal.
tenuicornis Chd. 72–6

Thalpius Leconte 51–174
(*Enaphorus* Lec. 51–174)

1628. pygmæus Dej. 26–460 Fla. La. Tex.
29. horni Chd. 72–3 Tex.-So.Cal. Ariz.
30. dorsalis Brullé 34–181 D.C. La.Fla.
31. rufulus Lec. 49–173 So.Cal.

AGRINI

Agra Fabricius 01–224

1632. oblongopunctata Chev. 36–183 Tex.

EGINI

Ega Laporte 35–93

1633. sallei Chev. 39–308 La. Fla. Ala.

Ega Laporte

1634. lactula Lec. 49–173 Ariz. So.Cal.

LEBIINI

Tetragonoderus Dejean, 29–485

1635. intersectus Germ. 24–28 Ga. Fla. Ala.
lecontei Dej. 29–499 [Ky.
distigma Mots. 64–222 Tenn.
36. fasciatus Hald. 43–298 Mich. N.Y. So.Cal. Ariz.
undulatus Lec. 63–6 Cal. [Ind.
37. latipennis Lec. 74–44 Tex.
38. pallidus Horn 68–130 So.Cal. Ariz.

Nemotarsus Leconte 53–377

1639. elegans Lec. 53–378 Ill.-Md. Va. Ala. Fla.

Lebia Latreille 04–247

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1640. punctifera Lec. 84–2 Ariz.
(*Loxopeza* Chd. 70–117)
41. grandis Hentz 30–58 (Lab.?) N.Y. S.&W.St.Ind. Ariz.

Lebia Latreille

1642. atriventris Say 23–13 Ind. E.M.&W. St.
43. tricolor Say 23–11 La. Fla. Can.
44. testacea Lec. 80–164 Tex. [& M. St.
45. majuscula Chd. 70–141 Tex.-S.Cal.
46. atriceps Lec. 63–5 Ariz.Kan.Neb.
47. chloroptera Chd. 35–437 S.Am. (Fla.?)
(*Lebia* s.s.)
48. bitæniata Chev. 34–37 Mex.
a. callizona Bates 78–607 Tex.
49. pulchella Dej. 26–457 Fla.Can.-Tex.
50. divisa Lec. 50–203 (*Dictya*) L.Sup.
concinna || Lec. 48–192
51. vivida (Bates) 84–298 Ariz.
52. cyanipennis Dej. 31–385 So.Cal.
53. ruficollis Lec. 49–178 So.Cal.
54. marginicollis Dej. 26–271 N.&S.Am. Fla.
a. cupripennis Chd. 50–75 [La.
b. affinis Dej. 31–387
limbicollis Mots. 59–145

Lebia Latr.

1655. viridis Say 23–14 — Can. Ariz. N. Am. Ind. La. Fla. So.Cal.
a. subopaca Schfr. 10–397 — Ariz.
b. moesta Lec. 50–203 — L.Sup.
56. cyanea Dej. 31–386 — Ala.-Tex. Fla.
smaragdula Dej. 31–387
cyanellus (Mots.) 46–42
57. rhodopus Sz. 78–354 — Fla. Ind.?
58. pumila Dej. 31–388 — Can. Me.-Kan. Ind. Fla. La.
floricola Harris 28–
maculicornis Lec. 48–195
59. pleuritica Lec. 48–193 — Can.-Tex.
60. rufopleura Schfr. 10–398 — Tex.
61. arizonica Schfr. 10–398 — Ariz.
62. lecta Horn 85–131 — Fla.
63. bumeliæ Schfr. 10–399 — Tex.
64. viridipennis Dej. 26–452 — Can.-Tex. Fla.
borea Hentz 30–256 — Ind. [La.
65. montana Horn 85–131 — Mont.
66. lobulata Lec. 63–5 — Ind. Ohio, Va. La. Fla.
67. ornata Say 23–13 — L.Sup. U.S. Fla. La. Ind.
axillaris Dej. 31–372
marginella Dej. 31–373
apicalis Hald. 42–298
brunnea Hald. 42–298
68. calliope Bates 84–231 — Tex.
69. collaris Dej. 26–456 — M.&S.St.Fla.
nigripennis Dej. 31–373
70. scapula Horn 85–132 — Ariz.
71. analis Dej. 25–265 — Ind. N.&S.St.
a. appendiculata Chd. 70–212 — [Fla. La.
72. fuscata Dej. 25–270 — Can. Fla. Mo.
frigida Chd. 70–242 — Mass. [Ind.
73. rhodope Bates 83–231 — Tex. Mex.

(*Dianchomena* Chd. 71–45)

74. abdominalis Chd. 43–104 — Fla. Ga. Mo. Tex. Ind.
75. scapularis Dej. 31–377 — Fla. M. St.-Kan. Dak. Ind. L.Sup.
?solea Hentz 30–255 — Mass.
a. flavovittata Chev. 34–161 — ?Mex.
76. miranda Horn 72–139 — Ariz.

(*Aphelogenia* Chd. 72–405

77. furcata Lec. 48–193 — Can.-Kan. So. Cal. Fla. La.
78. debiliceps Csy. 13–192 — Ind.
79. depicta Horn 85–133 — Man. Mont. N.Mex. Colo.
80. sonomæ Csy. 13–191 — Cal.
81. vittata Fab. 01–202 — Ind. Pa.-Tex. Fla. La.
a. spraguei Horn 72–139 — Tex.
b. conjungens Lec. 48–194 — N.Y.
82. pectita Horn 85–133 — Pa.-Tex.
83. histrionica Bates 83–240 — Ariz.
84. amnicola Csy. 13–192 — Tex.
85. guttula Lec. 49–178 — Ariz. Ut.-So. Cal.
86. bivittata Fab. 98–59 — Ariz. W.& S. St. Ind.
quadrivittata Dej. 25–268
87. bilineata Mots. 59–145 — So.Cal.
— sublinbata Mots. 64–226 — N.Am.

Coptodera Dejean 25–273

1688. ærata Dej. 25–277 — M.W.& S.St. [Ind. Fla.
viridipennis Gory 33–194
ruficornis Chd. 69–179
89. unicolor Chev. 34–40 — Mex.-Ariz.
obscura Casteln 35–51

Phlœoxena Chaudoir 69–145

1690. signata (Dej.) 25–275 — S.C.-La. Fla.
collaris (Lec.) 48–197
a. nigripennis Leng 15–587 — Fla.

Dromius Bonelli 09

1691. piceus Dej. 31–353 — Ind. Man. N.Y. Ala. L.Sup.
a. quadricollis Lec. 59–82 — So.Cal.

(*?Demetrias* Bon. 09)

92. atriceps Lec. 80–163 — La. Ga.

Apristus Chaudoir 46–62

1693. cordicollis (Lec.) 48–190 — N.Y. Ind.
94. subsulcatus (Dej.) 26–451 — Can.-N.Y.
latens (Lec.) 48–191 — Ariz? [Ind.
fuscipennis Mots. 64–233
95. laticollis Lec. 49–176 — So.Cal.
subcyaneus Horn 94–360 — L.Cal.

Blechrus Motschulsky 47–219

(*Bomius* Lec. ex parte)

1696. glabratus (Duft.) 25–248 — Enr.& Am.
nigrinus (Mann.) 43–184 — Ind. Ariz. So. [Cal.
angustus (Lec.) 48–191
linearis (Lec.) 49–197 — L.Sup.
?minutulus Goeze 77–665
97. lucidus (Lec.) 49–177 — Colo. So.Cal.
98. pusio Lec. 63–6 — La. Ind.

Metabletus Sch.-Goeb. 46–38

1699. americanus (Dej.) 31–361 — L.Sup. Ind.
borealis Zimm. 69–243 — [Nfld. Ariz.

Axinopalpus Lec. 49–174

1700. biplagiatus (Dej.) 25–243 — Bor. Am. Ind.
californicus Mots. 54–336 — [So.Cal. Ariz. [Ala.
01. fusciceps Lec. 49–175 — Tex.-So.Cal.
nigriceps Lec. 80–164 — Ariz.

Tecnophilus Chd. 77–239

(*Philotecnus* Lec. nec Mann. 37–42)

1702. croceicollis (Mén.) 44–51 — Ut.-So.Cal.
chloridipennis (Mots.) 50–39 — [Ariz.
a. ruficollis (Lec.) 51–176 — So.Cal.
b. nigricollis (Lec.) 51–176 — Cal.
c. pilatei Chd. 77–239 — Tex.
glabripennis Chd. 77–242

Euproctus Sol. 49–131

1703. trivittatus (Lec.) 78–373 — Fla.
04. texanus Wickh. 97–109 — Tex. L.Cal.

Calleida Dej. 25–220

(*Callida* ‡ auct.)

1705. circumcincta Bates 83–212 — Tex.
06. platynoides Horn 81–55 — Ut. Cal. Ariz.
07. viridipennis (Say) 23–9 — Fla. Ala.
marginata Dej. 25–222

Calleida Dej.

1708. striata Csy. 13–177 Fla.
09. decora (Fab.) 01–181 Gulf. St. Fla.
cordicollis Putz. 45–373 Ia. Mex.
cyanoptera Lec. 58–59
10. punctata Lec. 48–189 N.Y.-Kan.Ind.
11. fulgida Dej. 31–330 Ga.-Tex. Fla.
12. purpurea (Say) 23–10 N.Y.-Neb.
smaragdina Dej. 25–225 [L.Sup.
cyanipennis Chd. 44–467
13. punctulata Chd. 48–86 L.Cal. Tex.
rugicollis Horn 94–361

Philophuga Mots. 59–140
(*Glycia* ‡ auct. nec Chaud. 42–805)
(*Philophuga* ‡ auct.)

1714. amœna (Lec.) 48–188 S.W. St. Ariz.
horni Chd. 77–245
15. canora Csy. 13–174 Tex.
16. viridicollis (Lec.) 48–188 Tex. (Fla.?)
?subcordata Chd. 77–246 Mex.
17. cærulea Csy. 13–174 Ariz.
18. viridis (Dej.) 31–325 Cal.
cyanea (Mots.) 50–36
19. lauta Csy. 13–175 Cal.
20. puella Csy. 13–176 Colo.
21. castanea Horn 81–54 So.Cal.

Plochionus Dej. 25–250

1722. pallens (Fab.) 75–244 Eur. & Pa.†
bonfilsi Dej. 25–251 Fla. W.I.
valens Lec. 63–5
23. timidus Hald. 43–298 Can. N.J.-
Ala.-L.Cal.
Fla. Ind.
24. amandus Newn. 40–32 Fla.
a. vittatus Lec. 44–48 Fla. & Ala.
b. discoideus Sp. 80–86 Fla. & Ga.
dorsalis Horn 82–146

Pinacodera Schaum 60–294

1725. limbata (Dej.) 31–320 Ct.-Fla.-Tex.
lævigata Mots. 64–297 Ala. [Ind.
26. platicollis (Say) 23–14 N.J.-Fla.-Tex.
complanata (Dej.) 26–448 Ind. [La.
russata (Newn.) 40–31 Fla.
a. fuscata (Dej.) 31–321 Fla. Gulf St.
27. punctigera (Lec.) 49–178 So.Cal. Tex.
28. virescens Dury 11–275 N.C. [Ariz.
29. semisulcata Horn 80–40 L.Cal.
30. sulcipennis Horn 80–40 L.Cal.

Cymindis Latr. 06–190

1731. laticollis Say 34–413 Tex. & W. St.
villigera Chd. 73–96 [Colo. Ariz.
32. evanescens Csy. 13–179 Ut.
33. arizonensis Schfr. 10–400 Ariz.

Cymindis Latr.

1734. zuniana Csy. 13–181 Ariz. N.Mex.
35. acomana Csy. 13–181 N.Mex.
36. unicolor Kby. 37–14 Lab. L.Sup.
hudsonica Lec. 63–6
37. californica Horn 95–231 L.Cal.
38. cribricollis Dej. 31–311 N.Y. & N.W.
So.Cal. Nfld.
reflexa Lec. 50–203 L.Sup.
a. abstrusa Lec. 59–82 Wash.
39. rupimontis Csy. 13–183 Colo.
40. marginata Kby. 37–13 B.C.
41. alticola Csy. 13–183 N.H.
42. planipennis Lec. 63–6 Colo. N.Mex.
Ariz. (Fla.?)
43. blanda Csy. 13–184 Ariz.
44. brevipennis Zimm. 69–243 Kan.
45. bipartita Csy. 13–185 Wy.
46. pilosa Say 23–10 R.I.-Pa. Ind.
pubescens Dej. 25–215
47. borealis Lec. 63–7 N.S. N.Y.
48. neglecta Hald. 43–298 N.Y. Pa.
49. cribrata Lec. 59–2 Neb. Kan.
50. elegans Lec. 48–186 So. St. Fla.
51. venator Dej. 31–311 Pa. [Ala.
52. americana Dej. 26–446 N.J. Ind.

Apenes Lec. 52–174

1753. lucidula (Dej.) 31–320 N.Y.
54. angustata Sz. 78–354 Fla.
55. opaca Lec. (49)–175 Ala.-Ga.-Fla.
56. sinuata (Say) 23–8 Fla.-N.Y. La.
a. ?pustulata (Dej.) 31–316 Tex. [Ind.
57. nebulosa Lec. 79–364 Cal. Ariz.
58. limbata Horn 95–232 L.Cal.

Eucærus Lec. 53–386

1759. varicornis Lec. 53–387 Fla.-La. Ala.

Pentagonica Schm.-Goeb. 46–47
(*Rhombodera* || Reiche 42–313)
(*Didetus* Lec. 53–377)

1760. flavipes (Lec.) 53–377 N.J. Ill.-Fla.-
Ariz. Ind.
pallipes Lec. 83–377 L.Sup.
a. bicolor Lec. 63–7 W.St.
61. picticornis Bates 83–217 Panama, Ariz.

Onota Chd. 72–165

1762 floridana Horn 81–159 Fla.

Inna Putz. 63–71

1763. texana Schfr. 10–400 Tex.

Micragra Chd. 73–63

1764. ænea (Putz.) 45–374 Tex. C.&So.
Am.

HELLUONINI

Helluomorpha Lap. 40–47

1765. nigripennis (Dej.) 31–408 Ga.
66. ferruginea Lec. 53–373 Fla. Tex.Ariz.
67. languida Csy. 13–190 Tex.
68. clairvillei (Dej.) 31–406 Ala. Ga. Fla.
69. præusta (Dej.) 25–289 Ga. Fla.
70. bicolor Harris 28–117 Mass.-Kan.
laticornis Dej. 31–407 [Ind.
pubescens Klug 34–77

Helluomorpha Lap.

1771. texana Lec. 53–374 Tex. Ind.
72. latitarsis Csy. 13–189 Ariz.
73. papago Csy. 13–190 Ariz.

† Introduced.

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HARPALINÆ UNISETOSÆ

BRACHININI

Leconte 62; Chaudoir 68

Brachinus Web. 01–22
(*Brachynus* ‡ *auct.*)

1774. americanus Lec. 44–48 Fla. S. & W.
75. janthinipennis (Dej.)31–412 M. St. [St.
76. viridipennis Dej. 31–426 S. St.
viridis Lec. 44–49 Ga.
lecontei Lec. 44–49 Ga.
a. perplexus Dej. 31–426 S. St.
77. pulchellus Blatch. 10–161 Ind. (Fla.?)
78. minutus Harris 28–117 M. St.
pumilio Lec 48–208 N.Y.
79. medius Harris 28–117 N.Eng. Ind.
80. quadripennis Dej. 25–316 S.& W.St. Fla.
neglectus Lec. 44–49
81. tenuicollis Lec. 44–49 N Am.
82. conformis Dej. 31–427 M.S.& W. St.
patruelis Lec. 44–50 N.Y.
83. cyanipennis Say 23–143 Fla. Ind.
84. gracilis Blatch. 10–160 Ind.
85. lateralis Dej. 31–424 Fla. S. St.-
Ariz. So.Cal.
86. alternans Dej. 25–316 S. St. Fla.
87. deyrollii Laf. 41–42 Tex. S. St.
strenuus Lec. 44–48
a. tormentarius Lec. 48–200 S. & W. St.
88. ballistarius Lec. 48–199 N.Y. M. W.
St. N.Mex.
89. funans (Fab.) 81–307 Atl. St. Fla.

Brachinus Web.
cyanopterus Lec. 44–49 N.Y.
sufflans Lec. 48–204 N.Y.
librator Dej. 31–425
a. similis Lec. 48–199 N.Y.
1790. cordicollis Dej. 26–466 M.W. S. St.
velox Lec. 48–206 N.Y. [Fla.
?cephalotes Dej. 25–317
91. rugipennis Chd. 68–297 N.Am.
92. puberulus Chd. 68–294 Fla.
93. phæocerus Chd. 68–300 N.Am.
94. stygicornis Say 34–415 Kan. (Fla.?)
95. kansanus Lec. 62–524 Kan. Ariz.
96. fidelis Lec. 62–524 N.Mex.-So.
Cal. Ariz.
97. tschernikhi Mann. 43–184 So.Cal. Ariz.
puncticollis || Lec. Mss. 58–28
Ariz.
98. carinulatus Mots. 59–139 Ariz.-So.Cal.
glabripennis Lec. Mss. 58–28
99. costipennis Mots 59–138 Ariz.-So.Cal.
lecontei Mots. 59–139 Cal.
— affinis Lec. 48–204 Ind.
— ovipennis Lec. 62–525 M. & S. St.
— rejectus Lec. 62–525 M.& W.St.
Kan.
1800. cinctipennis Chev. 34–163 Mex. N.Mex.
Ariz.

BROSCINI

Miscodera Esch. 30–63

1801. arctica Payk. 00–85 No. Eur.&Am.
Me. L.Sup.
americana Mann. 53–134 Alas.

Miscodera Esch.
hardyi Chd. 61–525 Nfld.
1802. insignis Mann. 52–296 Alas.

ZACOTINI

Zacotus 69–373

1803. matthewsi Lec. 69–373 Vanc.-No.Cal.

CHLÆNIINI

Horn 76; Casey 14

Chlænius Bon. 09

1804. chrysoplenrus Chd. 56–276 Mex. Ariz.
validus Chev. ‡
05. pimalicus Csy. 14–38 So. Ariz.
06. tomentosus (Say) 23–60 E. of Rocky
Mts. Ind. Fla.
luctuosa (Germ.) 24–10 [La.
a. amplus Lec. 56–29 Ga.
07. zunianus Csy. 14–38 N.Mex.
08. purpuricollis Rand. 38–35 N.Eng.-Kan.
09. alternatus Horn 71–327 H.B.T. [Ind.
10. niger Rand. 38–34 Nfld.-La. Ind.
exaratus Laf. 51–249
a. ludovicianus Leng. 15–592 La. Fla.
11. interruptus Horn 76–259 Or.
12. harpalinus Esch. 29–27 So.Cal.
13. insperatus Horn 85–134 Ariz.
14. impunctifrons Say 23–64 Can.-Tex. Fla.
La. Ind.
15. perplexus Dej. 31–655 Gulf St.
circumcinctus Say 34–418 Fla.
virens Chd. 43–753
poeyi Chev. 63–194 Cuba.

Chlænius Bon.
1816. texanus Horn 76–261 Tex.
17. pennsylvanicus Say 23–66 Can.-Cal. Ind.
vicinus Dej. 31–659 Ariz.
pubescens Harris 28– La. (Fla.?)
aureliensis Laf. 51–248
fulgiceps Newn. 38–490
18. floridanus Horn 76–263 Fla.
19. brevilabris Lec. 48–337 Ill.-N.Mex.
amœnus Chd. 56–282 Ind.
consimilis Lec. 48–337
20. texanellus Csy. 14–37 Tex.
21. tricolor Dej. 26–334 Can.-So.Cal.
vigilans Say 34–419 [Fla Ind.
quadricollis Kby. 37–22
chalybeipennis Chev. 34–72
atripennis Lec. 48–336
22. nemoralis Say 23–65 Mich. Can.-
Tex. Fla. Ind.
longicollis Chd. 43–752
a. oxygonus Chd. 43–753
23. glaucus Lec. 56–28 So.Cal.
sericinitens Chd. 56–284

Chlænius Bon.

1824. simillimus Chd. 56–283 — Cal.
vicinus ‡ Mann. 43–193
25. nebraskensis Lec. 56–28 — Dak.-Tex. Nev. Ariz.
26. variabilipes Esch. 29–27 — So.Cal.
asperulus Mén. 44–55
obscurus Lec. 49–179
27. vafer Lec. 52–66 — Tex.
28. flaccidus Horn 76–265 — Tex.
29. obsoletus Lec. 49–180 — So.Cal. Ariz.
?rogator Mots. 59–157

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30. solitarius Say 23–65 — Can.-L.Cal.
chlorophanus Dej. 31–662 — Ind.
31. leucoscelis Chev. 34–71 — Mex.& U.S. Ariz. Ind.
monachus Lec. 49–180 — So.Cal.
a. cordicollis Kby. 37–22 — Can. L.Sup.
32. sanantonialis Csy. 14–36 — Tex.
33. gilensis Csy. 14–35 — Ariz.
34. prasinus Dej. 26–345 — Ind. M. St.-Colo. Fla.
smaragdinus Chd. 43–755
35. cumatilis Lec. 31–179 — So.Cal.
a. sparsellus Csy. 14–37 — Ariz.
36. augustus Newn. 38–490 — Ga. Fla.?
37. viduus Horn 71–325 — Mo.
38. æstivus Say 23–62 — Ind.M.St. Fla.
cobaltinus Dej. 26–331
congener Lec. 44–51
39. sierricola Csy. 14–36 — Cal.
40. platyderus Chd. 56–280 — Ill.-N.Mex.
41. diffinis Chd. 56–279 — M. St. Ind.
laticollis ‡ Lec. 56–25
42. laticollis Say 23–64 — N.Y.-Ariz. Fla.
rufipes Dej. 26–331 — Ind.
brevicollis Lec. 56–332
brachyderus Chd. 56–279
43. orbus Horn 71–326 — Tex.

Chlænius Bon.

1844. cursor Chev. 34–168 — Mex. So.Cal.
sparsus Lec. 63–12
45. chaudoiri Horn 76–270 — Mex.-Fla.
46. sericeus Forst. 71–58 — U.S. & Can. Ind.
a. perviridis Lec. 48–434 — Rocky Mts.
b. regularis Lec. 49–179 — So.Cal. Ariz.
c. apacheanus Csy. 14–34 — Ariz. So.Cal.
d. uteanus Csy. 14–35 — Ut.
47. fuscicornis Dej. 31–147 — Ill.-La.Fla. La.
48. erythropus Germ. 24–11 — N.J.-Fla. La.
49. viridifrons Esch. 29–27 — So.Cal. [Ind.
50. herbaceus Chev. 34–188 — Ga.-Mex. Fla.
patruelis Lec. 44–135
51. nimrod Horn 96–372 — S.Dak.
52. ruficauda Chd. 56–194 — So.Cal.-Mex.
apicalis || Lec. 49–179 [Ariz.
posticus Lec. 58–390
dimidiatus Mots. 58–157

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53. maxillosus Horn 76–260 — Fla.

Anomoglossus Chd. 56–192

1854. delectans Csy. 14–39 — Cent. N.Y.
55. gravis Csy. 14–40 — Miss.
56. emarginatus (Say) 23–63 — R.I.-Fla.-Ind. Ariz. L.Sup.
57. amœnus (Dej.) 31–648 — Ga.
58. pusillus (Say) 23–63 — N.Y.-Ia. Ind.
elegantulus (Dej.) 26–367 [Fla.La.L.Sup.
fcisthameli (Laf.) 51–248
59. nanulus Csy. 14–41 — La.
— cœruleicollis Chd. 76–78 — Mex. Ariz.?

Brachylobus Chd. 76–287

1860. lithophilus (Say) 23–62 — N.Y.-Tex.Ala. L.Sup. Ind.
viridanus (Dej.) 31–660
smaragdiger (Mots.) 64–338
a. indigaceus Csy. 14–41 — Tex.
61. caurinus Horn 85–134 — Cal.

ODHINI

Horn 70, 91

Lachnocrepis Lec. 53–391

1862. parallelus (Say) 34–420 — N.Y. Ga. Mo. Can.-Fla. La. Ind.

Anatrichis Lec. 53–391

1863. minuta (Dej.) 31–677 — Fla. D.C.-Tex. La. Ind.
(*Oodinus* Mots. 63–353)
(*Oodiellus* Chd. 82–322)
64. picea (Mots.) 63–353 — So.Tex.-Braz.
mexicanus Chd. 82–323 [Fla.
65. oblonga Horn 91–37 — So. Tex.
?longula Bates 82–48 — Guat.

Stenocrepis Chd. 57–45

1866. chalcas Bates 84–47 — So. Tex.
chalcochrous Chd. 82–487

Oodes Bon. 09

1867. amaroides Dej. 31–674 — Fla. N.Y.-Tex. La. Ind.
68. americanus Dej. 26–377 — N.Y.-Ga.-Fla. La. Ind.

Oodes Bon.

1869. fluvialis Lec. 63–13 — Ill. Ind.
(*Stenous* Chd. 57–39)
70. cupreus Chd. 43–761 — Pa. Fla. La. Mo. Ind.
leucodactylus Laf. 51–273 — La.
71. duodecimstriatus Chev. 34–173
lecontei Chd. 57–41 — Fla.-Ala.-La.
quatuordecimstriatus ‡ Lec.
72. elegans Lec. 49–180 — Ariz. So.Cal.
(*Crossocrepis* Chd. 57–48)
73. quatuordecimstriatus Chd. 43–759 — La. Tex. Ind.
picipes Lec. 44–52 [Fla. N.Mex.
stenocephalus Lap. 54–271
74. schaumi Chd. 82–346 — La.
75. mexicanus Chev. 34–102
texanus Lec. 63–13 — Tex.

Evolenes Lec. 53–392

1876. exarata (Dej.) 31–678 — Fla. Ga. Ala.
77. impressa Lec. 53–392 — La.

HARPALINI

Casey 1911

Dapti

Geopinus Lec. 48–271
1878. incrassatus (Dej.) 29–21 N.Y. Ind. L.Sup.
a. fluviaticus Csy. 14–52 Iowa Kan.

Piosoma Lec. 48–374
1879. setosa Lec. 48–375 Colo. N.Mex. Ariz.
80. brevipennis Csy. 14–54 ?
81. alternata Lec. 63–13 Ark.

Nothopus Lec. 52–67
(*Eurycderus* Lec. 48–151)
1882. valens Csy. 14–55 Ks. Ia. L.Sup.
?grossus (Say) 34–430 [Ind. Cal.
83. obtusus Csy. 14–56 Colo.
84. zabroides Lec. 48–152 Tex. Colo.
a. privatus Csy. 14–56 Tex.
85. arizonicus Csy. 14–56 Ariz.

Cratacanthus Dej. 29–40
1886. dubius (Beauv.) 05–8 N.J.-Ariz.Ind.
pennsylvanicus Dej. 29–41 D.C.
bisectus Csy. 84–74 Pa.
litoreus Csy. 84–75 N.J.
87. texanus Csy. 84–75 Tex. Ia. Ariz.
88. subovalis Csy. 14–59 Ga. Fla.
89. cephalotes Csy. 14–59 Mo.

Glanodes Csy. 14–60
1890. obliquus (Horn) 79–140 N.Mex. Ariz.
91. puncticeps Csy. 14–61 Ariz.
92. corpulentus Csy. 14–62 Ut.
93. regressus Csy. 14–62 Ariz.

Harpali

Opadius Csy. 14–66
1894. cordatus (Lec.) 53–381 So. Ariz.

Pharalus Csy. 14–68
1895. testaceus (Lec.) 53–385 Ind. Ill. Ia. Mo.

Harpalus Latr. 04–325
(*Megapangus* Csy. 14–71)
1896. caliginosus (Fab.) 98–57 Ind. Me.-Cal. [Tex. Fla. Ariz.

(*Plectralidus* Csy. (14–72)
97. erraticus Say 23–27 R.I.-Ind.
98. caudalis Csy. 14–73 N.Y.-Neb.
99. collucens Csy. 14–73 N.Mex.
1900. acomanus Csy. 14–73 N.Mex.
01. retractus Lec. 63–13 N.Mex. Ariz.
impiger || Lec. 54–79
02. rectangulus Csy. 14–74 Ariz.

(*Harpalophonus* Gangl. 92–342)
03. viridiæneus Beauv. 05–108 R.I.-L.Sup.
viridis Say 23–31 [Nfld. Fla.
assimilis Dej. 29–272
canonicus Csy. 84–11 R.I.
convictor Csy. 84–11 L.I.
æneseens Csy. 84–11 R.I. L.I.
lustralis Csy. 84–11 N.Y.

Harpalus Latr.
(*Harpalomerus* Csy. 14–76)
1904. amputatus Say 34–432 Ut.-Ariz.
stephensi Kby. 37–45
rotundicollis Kby. 37–44
05. transversus Csy. 14–77 N.Mex.
06. papagonalis Csy. 14–77 Ariz.

(*Harpalus* s. str.)

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07. vagans Lec. 65–102 Ind. Mo.
08. actiosus Csy. 14–79 Ia.-Mo.
09. haldemani Csy. 14–79 Pa. L.I.
10. erythropus Dej. 29–258 N.H.-Mo. Ind. Man.
11. rufopiceus Csy. 14–80 Mo.
12. deludens Csy. 14–80 Iowa.
13. effetus Csy. 14–81 L.I.
14. fenisex Csy. 14–81 Mo.
15. compar Lec. 48–295 R.I.-Ind. Fla.
bicolor Dej. nec Fab. [L.Sup. Ind.
pennsylvanicus Say nec DeG.
16. liobasis Chd. 68–170 Pac. Coast.
17. pubitarsis Csy. 14–82 Ill.
18. nactus Csy. 14–82 Ariz.
19. texanus Csy. 14–83 Tex.
20. longicollis Lec. 48–296 Pa. Ind.
?longior Kby. 37–43
21. dolosus Csy. 14–84 R.I. N.Y.
22. faunus Say 23–28 R.I.-Mo. Ind.
badius Dej. 29–254
23. thoracinus Csy. 14–85 ?
24. protractus Csy. 14–85 Mo.
25. pennsylvanicus DeG. 52–108 R.I. Fla. Colo.
bicolor Fab. 75–241 [Can. La. Ariz.
faunus Dej. nec Say [Ind.
a. mormonicus Csy. 14–86 Ut.
26. convivus Lec. 65–102 N.Y. N.C.
27. abstrusus Csy. 14–87 R.I.
28. pimalicus Csy. 14–87 Ariz.
29. egregius Csy. 14–88 Colo.
alienus || Lec. 79–508

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30. patronus Csy. 14–89 La.
31. solutus Csy. 14–90 N.H.
32. providens Csy. 14–90 N.J.
33. viduus Lec. 65–103 Ill. Ind.
34. laticeps Lec. 50–208 Wis. L.Sup.
35. montanus Lec. 65–102 Colo. [Ind.
36. rufimanus Lec. 48–302 L.Sup. Nfld.
37. megacephalus Lec. 48–297 L.Sup. Lab.
38. recisus Csy. 14–93 Wis. N.J.
39. erenatellus Csy. 14–94 Cal.
40. oregonensis Csy. 14–94 Or.
41. cautus Dej. 29–367 Cal.-Or.
advena Lec. 49–185 Cal.
deflexus Walk. 66–316 Vanc.
42. persolus Csy. 14–96 Or.
43. macilentus Csy. 14–96 Colo.
44. pleuriticus Kby. 37–41 Vt.-L.Sup.
45. futilis Csy. 14–97 Cal. [Nfld.
46. intactus Csy. 14–97 Cal.
47. carbonatus Lec. 60–319 H.B.T.

Harpalus Latr.

1948. fugitans Csy. 14–98 B.C.
49. foveicollis Lec. 48–299 Me.-N.B.
50. recensus Csy. 14–99 Lab. Mich.
51. æquabilis Csy. 14–100 Colo.
52. lascivus Csy. 14–100 B.C.
53. pumilio Csy. 14–100 Wis.
54. perspicuus Csy. 14–101 Colo.
55. lividulus Csy. 14–101 Wis. N.Mex.
56. herbivagus Say 23–29 Ind. L.I. Va. Neb. Mich. Ariz. Nfld.Fla. Can. Kan.
mutabilis Hald. 43–301
a. proximus Lec. 48–298 Lab. L.Sup. Nfld.
57. fallax Lec. 59–2 N.Mex. Colo. Kan.
58. innocuus Lec. 63–17 Alas. L.Sup.
59. placidus Csy. 84–10 L.I. N.J. Me.
60. mansuetus Csy. 14–104 Cal.
61. somnulentus Dej. 29–333 Cal.-Alas.
62. pellax Csy. 14–105 Wy.
63. seclusus Csy. 14–106 Colo.
64. opicus Csy. 14–106 Cal.
65. peritus Csy. 14–107 Nev.
66. celox Csy. 14–107 & 18–414 Or.
67. gemmeus Csy. 14–108 Ill.
68. opacipennis (Hald.) 43–301 Pa. L.Sup.
69. plenalis Csy. 14–108 N.B.
70. latebricola Csy. 14–109 N.Mex.
71. nitidulus Chd. 43–788 Va. O. Mo. La. Fla. Ind.
72. paululus Csy. 14–110 Colo.
73. lacustris Csy. 14–111 Wis.
74. coloradensis Csy. 14–111 Colo.
75. ellipsis Lec. 48–300 N.Mex. Ariz.
76. vespertinus Csy. 84–10 Ariz. [La.
77. mobilis Csy. 14–112 Colo.
78. fulvilabris Mann. 53–123 Alas.Lab.Nfld. L.Sup.
— ventralis Lec. 48–299 Colo.

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79. funestus Lec. 48–302 Colo. Ariz.
80. stupidus Lec. 59–3 N.Mex.
81. lewisi Lec. 65–103 Mich. Can.
82. æsopus Csy. 14–117 N.Y.
83. lecontei Csy. 14–117 N.Mex. Colo.
oblitus Lec. nec Dej. [Ariz.
84. fraternus Lec. 65–103 Ut.-B.C. Ariz.
occidentalis Chd. 68–168
85. uteanus Csy. 14–118 Ut.
86. clandestinus Lec. 78–450 Colo.
87. furtivus Lec. 65–103 Colo. N.Mex.
88. probatus Csy. 14–119 N.Mex.
89. nitescans Csy. 14–119 N.Mex.
90. clientus Csy. 14–120 N.Mex.
91. malacus Csy. 14–121 N.Mex.
92. illectus Csy. 14–121 Ut.
93. nugax Csy. 14–122 N.Mex.
94. albionicus Mann. 43–213 Cal.
95. vacivus Csy. 14–123 N.Mex.
96. lustrans Csy. 84–64 Wy.-Ariz.Kan.
lucidus || Lec. 65–104
97. socors Csy. 14–124 Ariz.
98. desertus Lec. 59–3 N.Mex. Colo.
?ochropus Kby. 37–42 Can.?
99. curticornis Csy. 14–124 Colo.
2000. gravis Lec. 58–60 Tex.
01. oppositus Csy. 14–125 Cal.

Harpalus Latr.

2002. oblongus Csy. 14–126 Ut.
03. varicornis Lec. 48–301 L.Sup.
04. sejunctus Csy. 14–126 Colo.
05. renoicus Csy. 14–127 Nev. Ut.
06. obesulus Lec. 52–185 Or.
?basilaris Kby. 37–41 H.B.T. L.Sup.
— oodioides Chd. 68–168 H.B.T.

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(*?Ophonus* Steph. 28–67)

07. spadiceus (Dej.) 29–336 Ind. Ga.
08. carolinæ Schfr. 10–402 N.C.
— comis Hald. 43–301 Pa.

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— curtatus Mann. 53–124 Alas.

(*Pteropolus* Csy. 14–131)

09. vulpeculus Say 23–30 Ind. Mo.
nigripennis Dej. 29–260
10. dichrous Dej. 29–258 N.Y.-Mo. Ind.
iricolor Say 34–432
11. fluvialis Csy. 14–133 Mo.
12. iripennis Schfr. 10–402 So. Tex.

Selenophori

Selenophorus Dej. 29–80

(*Hemisopalus* Csy. 14–135)

2013. opalinus Lec. 63–13 Mich. N.J.-Ind. N.C. L. Sup. Fla.
14. perpolitus Csy. 84d–76 So.Tex.
15. depressulus Csy. 14–137 Fla.
?iripennis (Say) 23–30 Pa. Fla.
varicolor Lec. 48–292 Ga.
16. vigilans Csy. 14–137 Fla.
17. gagatinus Dej. 29–112 Ind. R.I. N.Y.
maurus Hald. 43–306 Pa. [Fla.
viridescens Lec. 48–292 N.Y.
18. discoderoides Schfr. 10–404 So.Tex.
19. concinnus Schfr. 10–403 Ariz.
20. angulatus Csy. 14–139 So.Tex.
semirufus ‡ Schfr. nec Bates
21. delumbis Csy. 14–140 Fla.
22. subtinctus Lec. 66–365 La. Fla.

(*Celiamorphus* Csy. 14–141)

23. ovalis Dej. 29–106 Fla. So. Atl.
24. fossulatus Dej. 29–88 Fla.
25. opaculus Csy. 14–143 N.C. N.J.
26. ellipticus Dej. 29–108 N.Y.-Ill.-Tex.
pulicarius Dej. 29–108 [Ind. Fla.
granarius Dej. 29–109
27. currens Csy. 14–143 N.Y.
28. contractus Csy. 14–144 N.C.
29. adjunctus Csy. 14–144 Tex.

(*Selenophorus* Dej. s. str.)

30. palliatus Fab. 98–58 Gulf St.
stigmosus Germ. 24–25 Fla.
impressus Dej. 29–82
31. chokoloskei Leng 15–596 So. Fla.
32. famulus Csy. 14–146 Ariz.
33. læsus Lec. 58–59 Tex.
34. planipennis Lec. 48–394 Colo.
35. otiosus Csy. 14–148 Ariz.
36. maritimus Csy. 14–148 Tex.
37. cupreolus Csy. 14–149 Tex.
38. troglodytes Dej. 29–101 N.J.
39. pedicularius Dej. 29–100 L.I.-Va. Fla.
æreus Lec. 48–293 Mo. [Ind.La.
puellus Putz. 78–40 (U.S.?)

Selenophorus Dej.
2040. riparius Csy. 14–150 Miss.
41. scolopaceus Csy. 14–150 Colo.
42. houstoni Csy. 14–151 Tex.
43. implicans Csy. 14–151 La. Tex.
44. æneopiceus Csy. 846–13 Ariz. Tex.
45. fatuus Lec. 63–17 Tex. Fla.
46. mustus Csy. 14–152 Fla.
excisus || Lec. 78–377
47. blanchardi Manee 15–175 N.C.

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48. breviusculus Horn 80–181 Okla.

Selenalius Csy. 14–153
2049. cordicollis (Horn) 91–34 Ariz.
50. parilis Csy. 14–155 Tex.

Gynandropus Dej. 31–817
2051. hylacis (Say) 23–31 R.I. N.J. N.Y. [Ind.
americanus Dej. 31–818
52. elongatus Lec. 48–308 Ga. Fla.

Discoderus Lec. 53–381
2053. impotens (Lec.) 58–14 Tex.-Ariz.
54. obsidianus Csy. 14–158 ?Ariz.
55. amœnus Lec. 63–14 N.Mex. Ut. Ariz. So.Cal.
56. robustus Horn 83–52 Ariz.
a. piceus Csy. 14–159 Ariz.
57. crassicollis Horn 91–35 Ariz.
58. pinguis Csy. 14–160 Ariz.
59. subviolaceus Csy. 14–160 Ariz.
60. symbolicus Csy. 14–161 Ariz
61. æqualis Csy. 14–161 Tex.
a. longicollis Csy. 14–162 Tex.
62. congruens Csy. 14–162 Ariz.
63. tenebrosus (Lec.) 48–391 N.Mex.
64. parallelus (Hald.) 43–301 N.J. Va. Ia.
americanus Mots. 59–137 ? [Ind.
65. hesperus Csy. 14–163 Kan.Tex.Colo.

Hartonymus Csy. 14–165
2066. boodi Csy. 14–167 Ill.

Stenomorphi

Stenomorphus Dej. 31–696
(*Agaosoma* Mén. 43–63)
2067. rufipes Lec. 58–59 Mex.-Tex.? Ariz.
68. scolopax Csy. 14–169 Tex. Kan.
69. californicus Mén. 44–63 Cal.

Anisodactyli

Triplectrus Lec. 48–381
2070. carbonarius (Say) 23–32 L.I.-Mo. Ind.
luctuosus (Dej.) 29–151
rufipennis Lec. 48–381 L.I.
71. rusticus (Say) 23–32 R.I.-Ariz. Ind.
tristis (Dej.) 29–158 N.C. (Fla.?)
a. haplomus Chd. 68–13 ?
72. crassus Lec. 48–282 N.Y.-N.C.
gravidus Lec. 48–283 N.Y.
73. pinguis Lec. 48–282 Colo.
74. æthiops Csy. 14–175 Tex.
75. merula Germ. 24–24 Va.-Fla. Tex.
76. peropacus Csy. 14–176 D.C.-Tex.
77. convexus Csy. 14–176 Ariz.
78. ovularis Csy. 14–177 Mo. Kan.
79. dulcicollis Laf. 41–44 Miss. La. Tex.
ellipticus Lec. 48–284 Tex.

Triplectrus Lec.
2080. modicus Csy. 14–178 Tex.
81. texanus (Schfr.) 10–404 Tex.
82. anthracinus (Dej.) 29–369 Tex.
83. opaculus Lec. 63–16 Tex.
elongatus Chd. 68–13

(*Gynandrotarsus* Laf. 41–203)
84. harpaloides Laf. 41–203 N.C. Mo.

Cephalogyna Csy. 18–414
2085. lodingi (Schfr.) 11–114 Ala.

Anisodactylus Dej. 29–132
2086. furvus Lec. 63–14 Ga. N.C. Mo. [Ind.
87. harrisi Lec. 63–14 Mich. R.I.-Neb. Nfld.-Pa. Ind.
88. nigerrimus Dej. 31–842 L.I. Va. Ind
laticollis Kby. 37–43 [N.Eng.
punctulatus Lec. 63–14
opacus (Csy.) 84–8 E.Pa.
89. melanopus Hald. 43–302 N.Y. N.J. Pa.
agricola Lec. nec Say [Ill. Ind.
90. nigrita Dej. 29–149 R.I.-Ind.
interpunctatus Lec. nec Kby.
91. interpunctatus Kby. 37–42 N.Y. Ind. Pa.
lecontei || Chd. 68–117 [Vanc. Can.
nigrita Lec. nec Dej.
92. agricola Say 23–33 Mo. Kan. Ind. Ill. Tenn. Ga.
striatus Lec. 48–280 Colo. [Mich.
paradoxus Hald. 43–302
93. incisus Csy. 14–185 Cal.
94. semipunctatus Lec 59–83 So.Cal.
95. solidus Csy. 14–186 Cal.
96. incertus Csy. 14–186 Cal.
97. sericatus Csy. 14–187 Cal.
98. consobrinus Lec. 49–183 So.Cal. Ariz.
brevicollis Lec. 49–183 Cal.
99. obsolescens Csy. 14–188 Cal.
2100. angustus Csy. 14–188 Cal.
01. oregonus Csy. 14–189 Or. Id.
02. californicus Dej. 29–148 So.Cal.
confusus Lec. 49–182
03. sinuatus Csy. 14–190 Or.
04. paganicus Csy. 14–190 Ut.
05. humeralis Csy. 14–190 Nev.
06. amaroides Lec. 49–184 So.Cal. No. Cal.

(*Aplocentrus* Lec. 48–385)
(*Haplocentrus* ‡ auct.)
07. cœnus Say 23–34 Ind.D.C.-Kan.
subæneus Lec. 48–285 N.Y.
obscurus Lec. 48–286 Mass.
08. lætus Dej. 29–154 N.J.-D.C.-Tex. Fla.
2109. similis Lec. 49–183 Or.
puncticollis Chd. 68–11 Vanc.

Xestonotus Lec. 53–383
2110. lugubris (Dej.) 29–118 Ind. R.I.-Ia.
manhattanis (Csy.) 84–9 Staten Is.

Amphasia Newn. 38–388
2111. interstitialis (Say) 23–57 L.I.-Mo. Ind.
fulvicollis Newn. 38–388
obscuripennis (Dej.) 29–247

Pseudamphasia Csy. 14–195
2112. sericea (Harris) 28–117 R.I.-L.Sup.-La. Ind. Can.-
femoratus (Dej.) 29–224 [Neb.

Dicheirus Mann. 43–211
2113. strenuus Horn 68–130 Cal.
14. dilatatus (Dej.) 29–241 So.Cal.
hirsutus Mén. 44–61
15. brevisetosus Csy. 14–198 Cal.
?immanis (Horn) 80–165 Cal.
16. obtusus (Lec.) 49–185 Cal.
17. pilosus Horn 80–165 Cal.
18. angulatus Csy. 14–199 Cal.
*
19 alutaceus Csy. 14–200 Cal.
20. piceus Mén. 44–61 Alas.-So.Cal.
villosus Mots. 45–344 Cal.
irregularis Mots. 45–345 Cal.
parallelus Lec. 49–184
brunneus Mann. nec Dej.
a. rupimontis Csy. 14–200 Ut.
b. angustulus Csy. 14–200 Cal.
21. australinus Csy. 14–201 Cal.
a. insularis Csy. 14–201 Guad. Is.
22. decoloratus Csy. 14–201 Ariz.
23. brunneus (Dej.) 29–239 Cal.
— depressicollis Mots. 59–136 Cal.

Anadaptus Csy. 14–203
2124. nivalis (Horn) 80–172 Nev. No.Cal. Or. Ut. Vanc.
25. parvulus Csy. 14–204 Cal.
26. discoideus (Dej.) 31–831 Pa. Wis.-Mo. Mich. Ind.
27. baltimorensis (Say) 23–33 R.I.-Ia. Mich.
?sanctæcrucis (Fab.) 98–58 [Ind.
28. pitychrous (Lec.) 61–339 Colo.-Or.
29. porosus (Mots.) 45–344 No. Cal. Ariz.
sublævis (Mots.) 59–138 Cal.
alternans (Lec.) 49–184 Cal.
?alternans (Mots.) 45–343 Cal.
viridescens (Lec.) 61–339 Cal.
rudis (Lec.) 63–15 Cal.
a. lecontei (G. & H.) 68–256 Kan.
chalceus || (Lec.) 59–2 N.Mex.

Stilbolidus Csy. 14–206
2130. arizonæ (Csy.) 84–6 Ariz.
?mexicanus Dej. 29–288 Mex.

Anisotarsus Chd. 37–41
(*Eurytrichus* Lec. 48–287)
2131. brevicollis Chd. 37–42 Tex.-Ariz.
?maculicornis (Chd.) 43–787 La.
32. sayi Blatch. 10–198 Ind.
piceus || Lec. 48–288 N.Y. D.C.
33. convexulus Csy. 14–210 Tex.
34. inaudax Csy. 14–211 Tex.
?purpurascens Bates 82–50 Mex.
35. agilis (Dej.) 29–357 S.C. Fla.
36. extraneus Csy. 14–212 Cal.
37. flebilis (Lec.) 63–16 So.Cal. L.Cal.
a. calathoides Csy. 14–212 Ariz.
38. testaceus (Hald.) 43–302 Pa. Ind. Wis.
39. terminatus (Say) 23–48 Fla. N.Y.-N.C.-Ia. La. Can. Ind.
40. subvirens Csy. 14–213 Tex.
41. floridanus Csy. 14–214 Fla.

Anisotarsus Chd.
2142. delicatus Csy. 14–214 N.C.
43. nitidipennis Lec. 48–288 Fla. Ga. Ind.
a. cephalus Csy. 14–215 Fla.
b. tenuitarsis Csy. 14–215 Fla.

Spongopus Lec. 48–277
2144. verticalis Lec. 48–278 N.C. Ia. Kan. Ind. Mich.

Acupalpi

Trichocellus Gangl. 92–366
2145. boreellus Csy. 14–229 Q. Char. Is.
46. ?cognatus Gyll. 27–455 Mich. Lab. No. Eur. Alas. Nfld. So.Cal.
deutschi Sahlb. 27–261 Greenland
a. ruficrus (Kby.) 37–47 B.C.-Lab. N.Mex.
axillaris (Mann.) 53–124 Alas.
longiusculus (Mann.) 53–125 Alas.
conflagratus (Mann.) 53–126 Alas.
47. nitens (Lec.) 58–60 Cal.
48. lateralis Csy. 14–230 N.Mex.
49. monticola Csy. 14–230 Cal.
50. punctipennis Csy. 14–230 Nev.

Glycerius Csy. 84–79
2151. nitidus (Dej.) 29–474 So.Cal.
52. politus Fall 05–175 Or.-So.Cal.
53. intermedius Fall 05–175 Cal.
54. obtusus Fall 05–175 So.Cal.

Pelmatellus Bates 82–68
2155. lucidus (Csy.) 84–8 Ariz. N.Mex.
turbatus (Fall) 05–173 N.Mex.

Episcopellus Csy. 14–235
2156. autumnalis (Say) 23–48 L.I.-Ind.
57 nitescens Csy. 14–236 D.C.

Tachycellus Moraw. 63–261
2158. nigrinus (Dej.) 29–399 Ind. Nfld. Alas. Cal. L.Sup. N.Mex.
quadricollis (Lec.) 48–405
tibialis (Kby.) 37–46

Triliarthrus Csy. 14–238
(*Tachycellus* Horn pars.)
2159. badiipennis (Hald.) 43–202 Mich. Ind. N.Y.-Ill. N. Eng. Can. Va. Kan.
ruficrus (Lec.) nec Kby.
lugubris (Lec.) 48–305 L.Sup.
60. protractus Csy. 14–239 Mass.
61. properus Csy. 14–240 N.Y.
62. kirbyi (Horn) 83–51 Can. O. L.I.
63. atrimedius (Say) 23–39 N.Eng. Pa.-Ill. Tex. Ind. Can.
similis (Kby.) 37–48
64. conformis (Fall) 05–173 Wash. Cal.
65. tetricus Csy. 14–241 Cal.
66. nebulosus (Lec.) 53–385
suturalis || (Lec.) 48–411 Ga.

Catharellus Csy. 14–242
2167. cordicollis (Lec.) 48–306 N.Y. Ont. L.Sup. Nfld.

Stenocellus Csy. 14–243
(*Bradycellus* auct. nec Er. pars)
2168. supplex Csy. 14–245 N.J.
69. antennalis Csy. 14–245 N.Y.
70. insulsus Csy. 14–246 N.Y.
71. rupestris (Say) 23–91 L.I. N.C. Mo. Fla. Mich. So. Cal. Ind.
flavipes (Kby.) 37–47
elongatulus (Dej.) 29–457
72. occultus Csy. 14–246 N.Y. Ind.
73. debilipes (Say) 34–435 N.Y.-Ia.
parallelus (Chd.) 68–16
74. cinctus (Say) 34–434 R.I.-Va.
75. congener (Lec.) 48–307 Kan. Ut. Colo. N.Mex. Ariz.
76. aridus Csy 14–248 So.Cal.
77. decorus Csy. 14–248 Ariz.
78. purgatus Csy. 14–249 So.Cal.
79. nubifer (Lec.) 58–60 Tex.Ariz. Nev.
ventralis (Lec.) 58–61 [Cal.
80. rivalis (Lec.) 58–61 Ariz. So.Cal.
81. socors Csy. 14–250 Guad. Is.
82. alutaceus Csy. 14–250 No.Cal.
83. lustrellus Csy. 14–251 Cal.
84. puncticollis Csy. 14–251 Cal.
85. montanus Csy. 14–251 Cal.
86. discipulus Csy. 14–252 Cal.
87. sejunctus Csy. 14–252 Cal.
88. exstans Csy. 14–253 Cal.
89. nubicollis Csy. 14–253 Cal.
90. lineatus Csy. 14–253 Cal.
91. californicus (Lec.) 57–29 So.Cal.-Wash.
92. symmetricus (Mots.)50–23 Cal.
93. ardelio Csy. 14–254 Cal.
94. picipes Csy. 14–255 Cal.
95. tantillus (Dej.) 29–465 R.I.-Tex. Fla.
difficilis (Dej.) 29–467
96. provoensis Csy. 14–256 Ut.
97. larvatus Csy. 14–256 Tex.
98. neglectus (Lec.) 48–307 L.Sup. (Ala.?)
99. suavis Csy. 14–257 Tex.
2200. festinans Csy. 14–257 Kan. Tex.
*
01. subcordatus (Chd.) 68–166 ?Cal.

Amerinus Csy. 84–7
2202. longipennis Csy. 14–259 Miss.
03. lincaris (Lec.) 63–16 Pa. D.C. Ind.
04. fuscicornis Csy. 14–260 Va.

Philodes Lec. 62–33
(*Acpus* Lec. 48–413)
2205. testaceus (Lec.) 44–252 Pa. Ind.
alternans Lec. 53–386

Goniolophus Csy. 14–262
2206. flavilimbus (Lec.) 68–378 Ga. Fla.
07. longulus (Dej.) 29–459 La. Ga. Fla.
08. lucens Csy. 14–264 Tex.
09. rectangulus (Chd.) 68–18 Ind.-Miss. Fla.

Anthracus Mots. 64–207
2210. tener (Lec.) 57–99 Cal.

Acupalpus Latr. 29–391
2211. hydropicus (Lec.) 63–17 N.Y. R.I. Ind.
12. expertus Csy. 14–267 R.I.
13. carus (Lec.) 63–18 R.I.-Iowa.
?immunis (Kby.) 37–48 Mich.Can.Ind.

Acupalpus Latr.
2214. nanellus Csy. 14–268 R.I.
15. trivialis Csy. 14–268 No. N.Y.

Stenolophus Dej. 29–405
2216. carbonarius (Dej.) 29–398 Fla. Ind.Mich. So. Atl.
17. spretus Dej. 31–345 Tex. Fla.
18. ochropezus (Say) 23–54 Mich. R.I.-Tex. Fla. La. Colo. Ind.Can.
convexicollis Lec. 48–309
gracilis Csy. 84–14 Ariz.
limbatus Mann. i. litt. Sib.
19. abstinens Csy. 14–273 Ariz.
20. fuliginosus Dej. 29–423 Ind. R.I.-Pa.
versicolor Kby. 37–46 [Mich. Nfld.
fuscipennis Lec. 48–410
21. flavipes Lec. 58–60 So.Cal. Ariz.
22. remissus Csy. 14–274 Cal.
23. fidelis Csy. 14–275 Nev.-Vanc.
24. incultus Csy. 14–275 Cal.
25. consors Csy. 14–276 Cal.
26. debiliceps Csy. 14–276 Cal.
27. limbalis Lec. 57–28 So.Cal.-Or.
indistinctus Mots. 59–131 [Nev. Ut.
28. longitarsis Csy. 14–277 Or.
29. anceps Lec. 57–28 So.Cal.
rotundicollis Mots. 59–135
30. peregrinus Csy. 14–278 Ut.
31. cincticollis Lec. 58–60 So.Cal. Ariz.
32. dissimilis Dej. 29–410 Miss. La. Tex.
33. semitinctus Csy. 14–279 Tex. [Ind.
34. plebejus Dej. 29–424 R.I.-Tex. Can.
lugubris (Hald.) 43–302 [Fla Ind.
35. fuscatus Dej. 29–426 R.I.-Md. Ind.
36. humidus Ham. 93–305 N.Y. Pa.
37. unicolor Dej. 29–411 Cal.
a. dolosus Csy. 14–280 So.Cal.
38. conjunctus (Say) 23–40 Can. R.I.-Cal. Fla. Mich.Ind.
misellus (Dej.) 29–467
rotundicollis (Hald.) 43–302
39. captiosus Csy. 14–281 Colo. Kan.
40. moquinus Csy. 14–282 Ariz.
41. thoracicus Csy. 14–282 Mo. Ia.
42. rotundatus Lec. 63–17 La. Tex.
43. scitulus Csy. 84–78 Pa.
a. incitatus Csy. 14–283 N.J.

Agonoleptus Csy. 14–284
2244. parviceps Csy. 14–285 Colo.

Tachistodes Csy. 14–286
2245. indistinctus (Dej.) 31–846 N.Y.-Tex.
46. testaceus (Dej.) 29–460 R.I.-Tex. Fla.
micros (Lec.) 48–312 [Ind.
47. pauperculus (Dej.) 29–463 R.I.-N.C. Fla.
consimilis (Dej.) 29–465 [Ind.
48. humilis (Dej.) 29–462 N.J.
49. partiarius (Say) 23–90 Ind. L.I.-Tex. Mich.
?nigriceps (Lec.) 68–381 Fla.-N.J.
50. fusciceps Csy. 14–288 N.J.

Agonoderus Dej. 29–49
2251. lineola (Fab.) 92–155 Del.-Tex. Ut. Ariz. So.Cal.
furcata (Fab.) 01–206
52. binotatus Csy. 14–291 La.

Agonoderus Dej.

2253. maculatus Lec. 68–374 Cal. Nev.
54. infuscatus Dej. 29–54 Tex. Fla. La.
suturalis Lec. 48–273 N.Y.
55. idoneus Csy. 14–292 Iowa.
56. pallipes (Fab.) 92–159 N.C.-Tex.
Ariz. Ind.
lecontei Chd. 68–14 [Mich. So.Cal.
57. plagiatus Csy. 14–294 Wis.
58. tarsalis Csy. 14–294 Tex.
59. vividus Csy. 14–294 Ark.
60. vacans Csy. 14–294 Tex.
61. comma (Fab.) 01–207 Va.-L.Sup.
pallipes (Say) nec Fab.
dorsalis Lec. 48–273
62. oculatus Csy. 14–295 Tex.
63. gracilitarsis Csy. 14–296 ?Ind. N.Y.
64. quadricollis Csy. 14–296 Okla.
65. rectus Csy. 14–297 Cal.

Agonoderus Dej.

2266. obliquulus Csy. 14–297 Ut. Colo. N.Mex.
67. pallescens Csy. 14–297 Ariz.
68. rugicollis Lec. 59–83 Cal.
pallidus (Mots.) 59–137 Cal.
69. latipennis Csy. 14–298 Ut.

Cratocari

Cratocara Lec. 63–11
(*Polpochila* Horn 81)

2270. capitata Chd. 52–183 Mex. Ariz.
erro Lec. 54–221
71. brunnea Csy. 14–302 Ariz.
72. mentalis Csy. 14–302 Ariz.

Pogonodaptus Horn 81–178

2273. mexicanus (Bates) 78–589 Tex.
piceus Horn 81–179

PSEUDOMORPHINÆ

Horn 83

Pseudomorpha Kby. 25–101

2274. excrucians Kby. 25–101 Ga. Ala.
75. cronkhitei Horn 67–151 So.Cal.
76. behrensii Horn 70–76 Cal.

Pseudomorpha Kby.

2277. angustata Horn 83–274 Ariz.
78. cylindrica Csy. 89–40 Tex.
79. castanea Csy. 09–278 Utah.

AMPHIZOIDÆ

Amphizoa Lec. 53–227
(*Dysmathes* Mann. 53–264)

2280. insolens Lec. 53–228 Cal. So.Cal.
sahlbergi (Mann.) 53–265 Alas.
josephi Matth. 72–119 Vanc.

Amphizoa Lec.

2281. lecontei Matth. 72–121 Vanc.

OMOPHRONIDÆ

Horn 70; Schaupp 78; Casey 97, 09, 13

Omophron Lat. 04–278

2282. labiatum (Fab.) 01–248 N.Y. Fla. Tex.
83. nitidum Lec. 48–347 Tex. Miss. Ill.
nitens Chd. 68–7
84. americanum Dej. 31–583 Nfld.N.E.U.S.
sayi Kby. 37–65 Can.
a. iridescens Csy. 13–41 Miss.
b. lacustre Csy. 97–301 L.Sup.
c. texanum Csy. 97–302 Tex.
d. fontinale Csy. 13–41 N.Mex.
85. ovale Horn 70–75 Cal.
86. concinnum Csy. 97–302 Cal.
87. tessellatum Say 23–152 Can. M. St.
lecontei Dej. 31–582
a. ellipticum Csy. 09–276 R. I.

Omophron Lat.

2288. grossum Csy. 09–275 Tex.
89. dentatum Lec. 49–200 Ariz. So.Cal.
90. solidum Csy. 97–303 Cal.
91. frater Csy. 13–41 Cal.
92. gemma Csy. 97–304 Cal.
93. obliteratum Horn 70–73 Ariz.
a. utense Csy. 13–43 Ut.
b. subimpressum Csy. 13–43 N.Mex.
94. gilæ Lec. 49–201 Ariz. So Cal.
a. pallidum Csy. 97–305 Ut.
b. pimale Csy. 13–44 Ariz.
95. robustum Horn 70–74 N.S.
96. brevipenne Csy. 09–276 Ohio.

HALIPLIDÆ

Aubé 38; Crotch 73; Matheson 12; Roberts 13

Brychius Thoms. 59–8

2297. horni Cr. 73–383 Cal.
98. parvulus Rbts. 13–94 Cal.

Haliplus Latr. 02–77
(*Cnemidotus* Ill. (nec Er.) 02–373)
(*Hoplitus* Clairv. 06–218)

Haliplus Latr.

2299. fasciatus Aubé 38–30 Mass. Pa.
2300. connexus Math. 12–164 Mass. Mich.
01. triopsis Say 25–106 Me. Wis. Ga.
pantherinus Aubé 38–29
02. punctatus Aubé 38–32 Fla. Tex. La.

Haliplus Latr.

2303. leopardus Rbts. 13–98 Mass. N.Y.
punctatus Math. (nec Aubé) 12–167
04. deceptus Math. 12–166 Tex.
suturalis Rbts. 13–96 Tex. N. Mex.
05. cribrarius Lec. 50–211 L.Sup. Lab.
06. subguttatus Rbts. 13–100 Mass. [Vt.
07. gracilis Rbts. 13–102 Or.
08. cylindricus Rbts. 13–102 Cal.
09. nitens Lec. 50–212 L.Sup. Tex.
10. vancouverensis Math. 12–168 B.C.
11. tumidus Lec. 80–166 Tex.
concolor Math. (nec Lec.) 12–164
12. concolor Lec. 52–201 Cal.
mimeticus Math. 12–168
13. rugosus Rbts. 13–103 Cal.
14. lewisii Cr. 73–384 Tex.
15. havaniensis Wehncke 80–74 Cuba.
confluentus Rbts. 13–106 Fla.
16. annulatus Rbts. 13–107 Fla.
17. borealis Lec. 50–212 L.Sup. Ind.
18. ruficollis DeG. 74–204 Nfld. Ind.
immaculicollis Harr. 28–164
americanus Aubé 38–26
19. blanchardi Rbts. 13–108 Mass. La.

Haliplus Latr.

2320. pallidus Rbts. 13–110 B.C.Wyo.Cal.
21. strigatus Rbts. 13–110 B.C. Man. Wyo.
22. longulus Lec. 50–211 Mass. L.Sup. Cal.

Peltodytes Reg. 78–450
(*Cnemidotus* Er. nec Ill. 32–48)

2323. callosus (Lec.) 52–201 B.C. Cal. N. Man. [Mex.
24. tortulosus Rbts. 13–118
25. simplex (Lec.) 52–201 Cal.
26. dispersus Rbts. 13–113 Ariz. Ut.
27 litoralis Math. 12–178 Tex. Kans.
28. muticus (Lec.) 63–21 Can.N.Y.Fla.
29. floridensis Math. 12–177 Fla.
30. oppositus Rbts. 13–115 Fla.
31. shermani Rbts. 13–117 Mass. N.J. D.C.
32. pedunculatus Blatch. 10–204 Ind.
33. 6-maculatus Rbts. 13–117 Mass. Kans.
34 festivus (Wehncke) 76–356 Tex. [Tex.
35. lengi Rbts. 13–119 N.Y. Pa.
36. 12-punctatus (Say) 25–106 Can.Ind.N.Y.
37. edentulus (Lec.) 63–21 Mass. Wis. Kans.

DYTISCIDÆ

Aubé 38; Crotch 73; Sharp 82; Van Den Branden 84.

FRAGMENTATI

Sharp 82–258

NOTERINÆ

NOTOMICRINI

Notomicrus Shp. 82–260

2338. nanulus (Lec.) 63–22 Fla. La.

SUPHISINI

Colpius Lec. 61–40

2339. inflatus Lec. 63–22 Fla. La.

HYDROCANTHINI

Canthydrus Shp. 82–269
(*Suphis* Aubé 38–412)

2340. puncticollis (Cr.) 73–397 Mass. Fla.
41. bicolor (Say) 34–446 La Fla.
punctipennis Shp. 82–270 Carolina.
42. gibbulus (Aubé) 38–414 N.J. Ind. Fla.
floridanus Blatch. 14–63 Fla.
43. lineatus (Horn) 71–329 L.Cal.
44. levis Fall 09–161 L.Cal.

Canthydrus Shp.

2345. semipunctatus (Lec.)78–595 Mich.

Hydrocanthus Say 23–105

2346. iricolor Say 23–105 Mich.N.J.Fla.
47. oblongus Shp. 82–280 Fla.
48. atripennis Say 34–447 Mex. Kans.
49. texanus Shp. 82–280 Tex. Fla.

VATELLINÆ

VATELLINI

Macrovatellus Shp. 82–282

2350. mexicanus Shp. 82–284 Mex. L.Cal.

LACCOPHILINÆ

LACCOPHILINI

Laccophilus Leach 17–69

2351. maculosus (Germ.) 24–30 Mass. Ind.
52. decipiens Lec. 51–205 Cal. Or.
californicus Mots. 59–172 Cal.
truncatus Mann. 53–68 Russ. Am.
maculosus Walk. 66–317 B.C.
a. fusculus Shp. 82–290 Nev. Ariz.

Laccophilus Leach

2353. proximus Say 23–101 Ind. N.Y. Fla. Tex.
?americanus Aubé 38–422 Antilles Cuba.
54. inconspicuus Fall 17–164 Can. L.Sup.
55. horni Vd. Br. 84–21 Ariz. [N.H.
lateralis || Horn 83–282 Ariz.

Laccophilus Leach

2356. coccinelloides Reg. 89–112 Ariz.
57. pictus Cast. 34–104 Ariz. Tex. L.
58. insignis Shp. 82–290 Tex. [Cal.
59. fasciatus Aubé 38–423 N.Y. Tex.
rufus Melsh. 46–28 Pa.
biguttatus Khy. 37–69 Can.
60. terminalis Shp. 82–292 Tex.

Laccophilus Leach

2361. mexicanus Aubé 38–420 N.Mex.
atristernalis Cr. 73–400 Cal.
62. 4-lineatus Horn 71–330 Tex. Kans.
63. undatus Aubé 38–435 Mass. Ind.
64. schwarzi Fall 17–165 Va.
65. gentilis Lec. 63–23 La. Fla.
66. pumilio Lec. 78–596 Fla.

COMPLICATI

Sharp 82–258

HYDROPORINÆ

HYDROVATINI

Hydrovatus Mots. 55–82

2367. cuspidatus (Kunze) 18–68 Me. Wis. N.Y.
pustulatus (Melsh) 46–29 Pa.
68. indianensis Blatch. 10–212 Ind.
69. brevipes Shp. 82–324 Cal. Kans.

Hydrovatus Mots.

2370. compressus Shp. 82–324 Fla. La. Kans.
71. horni Cr. 73–387 Tex.
72. major Shp. 82–335 L.Cal.

BIDESSINI

Desmopachria Bab. 41–16

2373. granum (Lec.) 55–294 La. Fla.
74. convexa (Aubé) 38–479 Can.Ind.N.Y.
75. latissima (Lec.) 51–205 Cal. B.C.
76. dispersa (Cr.) 73–388 Ariz. Tex.
77. mexicana Shp. 82–19 Mex. [L.Cal.

Bidessus Shp. 82–344

2378. exiguus (Aubé) 38–490 Fla. Ga.
79. cinctellus (Lec.) 51–206 Ariz.
80. 4-pustulatus Fall 17–167 Cal.
81. pictodes Shp. 82–348 Cal.
82. decoratus Fall 17–167 Ariz.
83. seminulum (Lec.) 78–377 Fla.
84. plicipennis (Cr.) 73–388 Cal.
85. flavicollis (Lec.) 55–295 Wis. Ind.N.Y.
86. obesus Shp. 82–349 Tex. [Miss.
87. discretus Shp.. 82–350 Tex.
88. pulicarius (Aubé) 38–494 Ind.N.Y.Fla.
inconspicuus (Lec.) 55–294 La.

Bidessus Shp.

2389. texanus Shp. 82–366 Tex.
90. affinis (Say) 23–104 Nfld. Ind. Fla.
nanus (Aubé) 38–496
a. erythrostomus (Mann.) 52–305 Alas.
b. macularis (Lec.) 51–206 Col.
c. obscurellus (Lec.) 51–206 Cal.
d. nigrinus Csy. 84–80 Cal.
91. subtilis (Lec.) 51–206 Cal.
92. ornatellus Fall 17–167 Or.
93. amandus (Lec.) 51–207 Ariz.
94. lacustris (Say) 23–103 L.Sup. N.Y. Tex.
95. fuscatus (Cr.) 73–391 L.Sup. N.Y.
96. floridanus Fall 17–168 Fla. [Tex.
shermani Mutch. 18–82 Fla.
97. pullus (Lec.) 55–294 La. Tex.
98. granarius (Aubé) 38–501 N.Y. Fla.
99. suburbanus Fall 17–169 N.Y. Pa.

CELININI

Celina Aubé 36–219

2400. angustata Aubé 38–447 N.Y. Ind. Kans. Fla.

Celina Aubé

2401. slossoni Mutch. 18–85 Fla.
02. grossula Lec. 63–22 La. Fla.

HYDROPORINI

Coelambus Thoms. 60–13

2403. inæqualis (Fab.) 76–239 Mich. Ind. Pa.
?punctatus (Say) 24–271 [Nfld.
04. hydropicus (Lec.) 51–205 Cal. Or.
05. farctus (Lec.) 55–293 Mass. N.J.
06. marginipennis Blatch. 12–330 [Ind. Fla.
07. acaroides (Lec.) 55–294 Ind. O. Minn.
08. turbidus (Lec.) 55–298 Ind. Mass. Can.
09. dispar (Lec.) 50–216 L.Sup. N.Y.
dissimilis (G. & H.) 68–432 [Mass.
10. lutescens (Lec.) 51–208 Cal.
11. fumatus Shp. 82–400 "N.A."
12. patruelis (Lec.) 55–298 Nebr.
?discoideus (Lec.) 55–299 Nebr.
13. suturalis (Lec.) 50–216 L.Sup.
14. sellatus (Lec.) 66–365 Dak.

Coelambus Thoms.

2415. medialis (Lec.) 51–209 Cal.
16. pedalis Fall 01–212 Cal.
17. femoratus Fall 01–212 N.Mex.
18. ovoideus (Lec.) 50–216 L.Sup.
19. masculinus Cr. 74–74 Lake Labache.
20. nubilus (Lec.) 55–298 Nebr. Ind.
21. unguicularis Cr. 74–73 B.C. [N.Y.
22. infuscatus Shp. 82–401 Nev.
23. fraternus (Lec.) 51–209 Colo. River
24. impressopunctatus (Sch.) 83–312 Can. Ind.N.Y.
picatus (Kby.) 37–68 Can.
similis (Kby.) 37–68 Can.
10-lineatus (Mann.) 53–161 Alas.
25. laccophilinus (Lec.) 78–595 L.Sup. Ind.
26. sylvanus Fall 17–169 N.Y. [Mass.
27. princeps Blatch. 14–64 Fla.

Deronectes Shp. 82–418

2428. depressus (Fab.) 75–233 Nfld. N. Y.
brevis (Sturm) 35–9 [L. Sup.
rotundatus (Lec.) 63–21 Can.
29. catascopium (Say) 23–103 Wis. Vt. N. Y.
prosternalis Shp. 82–434 " N. A."
suffusus Shp. 82–434 " N. A."
interruptus (Say) 34–445
parallelus (Say) 23–98
30. griseostriatus (DeG.)74–103 Lab.N.H.Can. Or.
31. striatellus (Lec.) 51–207 Cal. Ariz.
pulcher (Mots.) 59–363 [Mont.
32. æquinoctialis(Clk.) 62–178 Ariz. Mex. Guat.

Hydroporus Clairv. 06–182

2433. aulicus Aubé 38–572 Ga. Tenn.
34. diversicornis Shp. 82–437 Tex.
35. triangularis Fall 17–170 Wis.
36. pilatei Fall 17–170 La.
37. wickhami Zaitz. 08–118 Pa. Va. Ill.
concinnus || Lec. 55–297 [Kans. Minn.
38. ohionis Fall 17–172 Ohio.
39. cocheconis Fall 17–171 N.H.
40. pulcher Lec. 55–297 N.Y. Ill. Ala.
41. integer Shp. 82–438 Vt. Pa.
42. shermani Fall 17–172 N.Y. Ind. T.
43. lineolatus Lec. 55–296 Ill. Ga.
vittatipennis G. & H. 68–442
44. mellitus Lec. 55–299 Vt. Ind. Ga.
45. dixianus Fall 17–173 Ga.
46. cimicoides Shp. 82–439 N.J. Va. Fla.
47. undulatus Say 23–102 Ind. Mass.
fasciatus Harr. 28–164 [Fla.
pubipennis Aubé 38–480
velutinus Aubé 38–481
48. oppositus Say 23–102
49. lobatus Shp. 82–439 Mass.
50. scrutator Shp. 82–440 " N.A."?
51. lynceus Shp. 82–440 " N.A."
52. clypealis Shp. 82–441 Mass.
53. anticus Shp. 82–441 Pa. La.
54. consimilis Lec. 50–214 L.Sup. Or.
placatus Fall 17–177 Or.
55. eruditus Shp. 82–442 Pa.
56. republicanus Shp. 82–442 " N.A." Fla.
57. proximus Aubé 38–483 N.H. Mass. Ind.
58. spurius Lec. 55–296 Vt. Mass.
peltatus Shp. 82–441 [N.Y.
59. dilatatus Fall 17–174 N.H. Mass.
a. suffusus Fall 17–175 N.J. [Md.
60. sulcipennis Fall 17–175 N.H.N.Y.Va.
61. hybridus Aubé 38–513 Ill. Ia.
62. semiflavus Fall 17–176 Ill. Mo.
63. mixtus Lec. 55–296 Nebr. Kans.
64. carolinus Fall 17–180 N.C.
65. vittatus Lec. 55–296 Nebr. Minn. Ill.
66. sericeus Lec. 50–214 Man. L.Sup.
67. solitarius Shp. 82–445 L.Sup. Mass. Nfld.
68. venustus Lec. 55–295 N.J. Va. N.C.
69. arizonicus Fall 17–178 Ariz.
70. semirufus Lec. 55–296 Nebr. Kans.
dimidiatus G. & H. 68–432 [Conn.
71. striatopunctatus Melsh. 46–28 Ind. N.Y. Va.
72. tigrinus Fall 17–178 Va.
73. vitiosus Lec. 55–296 Can. Ill.

Hydroporus Clairv.

2474. blanchardi Sherm. 13–52 Mass. Ala.
vitiosus Shp. nec Lec. 82–443
75. eximius Mots. 59–164 Cal.
76. addendus Cr. 73–393 B.C. L.Cal.
77. funereus Cr. 73–392 L.Cal.
78. mexicanus Shp. 82–447 Mex. Ariz.
79. roffi Clk. 62–176 Mex. Ariz.
80. corvinus Shp. 87–754 Tex. Ariz.
81. alpinus (Payk.) 98–226 L.Sup. Nfld.
82. 12-lineatus Lec. 50–214 L.Sup.
?lævis Kby. 37–67
83. septentrionalis (Gyll.) 27–385 Nfld. N.H.
?scitulus Lec. 55–295 L.Sup. [N.Y.
84. picturatus Horn 83–283 Nev.
85. rivalis (Gyll.) 27–384 Cal.
obesus Lec. 66–365 Cal.
congruus Lec. 78–452 Colo.
86. 4-maculatus Horn 83–284 Nev.
87. occidentalis Shp. 82–456 B.C.
88. longicornis Shp. 70–205 Lab.
89. caliginosus Lec. 50–214 L.Sup.
puberulus Lec. 50–215 L.Sup.
90. morio Shp. 82–471 Lab. N.H.
atriceps Cr. 70–96 Greenland.
91. tartaricus Lec. 50–214 L.Sup.
?nigellus Mann. 53–163 Alas.
92. obscurus Sturm 35–65 Mich. Nfld.
93. tenebrosus Lec. 50–214 L.Sup. Lab. Mass.
?lutulentus Lec. 55–298 L.Sup.
luridipennis || Lec. 50–216 L.Sup.
?hirtellus Lec. 51–208 Cal.
94. subpubescens Lec. 51–208 Cal.
95. despectus Shp. 82–466 Can. Mass.
96. perplexus Shp. 82–467 Lab. Cal.
97. rusticus Shp. 82–467 Nev.
98. appalachius Sherm. 13–53 N.H. Can.
signatus Shp. nec Mann. 82–469
99. longiusculus G.&H. 68–436 Alas.
oblongus || Aubé 38–605
2500. glabriusculus Aubé 38–312 Alas.
01. tristis (Payk.) 98–232 Can. Mich.
?varians Lec. 50–214 L.Sup. [Mass.
?ruficapillus Mann. 52–304 Alas.
02. subtonsus Lec. 55–292 L.Sup. Vt.
03. contractulus Mann. 52–304 Alas. [N.Y.
04. rufinasus Mann. 52–305 Alas.
05. americanus Aubé 38–575 Ind. Mass.
06. dentellus Fall 17–181 N.H. Mass.
07. fortis Lec. 51–207 Cal. Or.
08. signatus Mann. 53–161 Can. Ill. N.Y.
09. fuscipennis Kies. 68–64 Mass.
?puberulus Mann. 53–163
10. dichrous Melsh. 46–28 Ind. Mass.
11. melsheimeri Fall 17–182 Mass.
12. inornatus Shp. 82–478 Mass.
13. axillaris Lec. 53–132 Alas.
humeralis || Lec. 51–207 Colo.
14. niger Say 23–102 Ind. Mass.
modestus Aubé 38–576 [Can.
punctatissimus Aubé 38–484
15. latifrons Shp. 82–478 " N.A."
16. ruficeps Shp. 82–479 Mass. Va.
17. rufilabris Shp. 82–479 Tex.
18. notabilis Lec. 50–216 L.Sup.
19. arcticus Thoms. 54–197 Lab.
20. humeralis Aubé 38–578 Lab. B.C. Alas.

Hydroporus Clairv.

2521. stagnalis G. & H. 68–441 L.Sup. Mass.
collaris || Lec. 55–292
22. persimilis Cr. 73–395 Can. Mass.
23. oblitus Aubé 38–602 Mich. N.H.
luridipennis Melsh. 46–28 [Va.
limbalis Melsh. 46–28
24. brevicornis Fall 17–180 N.H. Mass.
25. terminalis Shp. 82–484 Cal. [Md.
26. vilis Lec. 51–208 Cal.
27. palliatus Horn 83–283 Cal.
28. latebrosus Lec. 51–208 Cal.

Hydroporus Clairv.

2529. hardyi Shp. 82–484 Cal.
30. helfragei Shp. 82–485 Tex.
31. difformis Lec. 55–298 N.Y. Ind. Ga.
32. conoideus Lec. 50–216 L.Sup.

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— ?planatus Mann. 53–162 Alas.
— ?truncatus Mann. 53–162 Alas.
— ?discicollis Say 34–446
— ?impressifrons Mots. 53–165
— ?biguttatus Kby. 37–69 Can.
— ?punctatus Say 24–271

COLYMBETINÆ

AGABINI

Hydrotrupes Shp. 82–492

2533. palpalis Shp. 82–492 Cal.

Agabinus Cr. 73–397

2534. glabrellus (Mots.) 59–171 Cal.
morulus (Lec.) 61–340

Agabus Leach. 17–69
(*Anisomera* Brullé 35–205)
(*Gaurodytes* Thoms. 60–57)

2535. cordatus (Lec.) 53–226 N.Mex. Colo.
36. rectus (Lec.) 69–375 Vanc. I.
37. intersectus (Cr.) 73–419 Cal. Wyo. Vt.
38. hypomelas Mann. 43–221 Alas.
irregularis Mann. 53–159 Alas.
39. seriatus (Say) 23–97 Lab. E. U.S.
parallelus (Lec.) 50–213
arctus Melsh. 46–27
striatus Aubé 38–305
40. suturalis (Cr.) 73–423 Nev.
41. perplexus Shp. 82–498 Vanc. I.
42. lugens (Lec.) 51–203 Cal.
43. obtusatus (Say) 23–99 N.H. N.Y. Va.
nitidus (Say) 23–98
44. planatus Shp. 82–503 Mass.
45. brevicollis (Lec.) 57–24 Cal.
46. stagninus (Say) 23–100 Pa.
striola Aubé 38–308
47. confertus (Lec.) 61–340 Or.
walsinghami (Cr.) 73–419
48. semivittatus (Lec.) 51–204 Colo. Ind. Pa.
a. spilotus (Lec.) 59–5 Nebr. [Fla.
49. texanus Shp. 82–505 Tex.
50. punctatus Melsh. 46–27 Pa.
51. punctulatus Aubé 38–332 Lab. L.Sup.
æneolus (Cr.) 73–417 [Or.
52. æruginosus Aubé 38–298 N.J.
53. semipunctatus (Kby.) 37–69 Lab. Mass. L.Sup.
54. stridulator Shp. 82–509 H. Bay.
55. mutus Shp. 82–513 H. Bay.
56. tæniolatus (Harr.) 28–164 Mass. Va.
57. disintegratus (Cr.) 73–416 Can. Kans. Ind. Pa.
58. lineellus (Lec.) 61–340 Cal.
59. inscriptus (Cr.) 73–422 Lab. N.H.
60. congener (Payk.) 98–214 Lab. N.H.
61. nigripalpis Sahlb. 80–56 Lab.
dissimilis Sahlb (In Litt.)
borealis Shp. 82–513
62. reticulatus Kby. 37–71 L.Sup. Mass.
fimbriatus (Lec.) 51–214 [Va.

Agabus Leach.

2563. confinis (Gyll.) 08–511 Vt.
ovoideus (Cr.) 73–418
64. discolor (Harr.) 28–164 Mass.
?ambiguus (Say) 23–96
subfuscatus Shp. 82–514
65. lecontei (Cr.) 73–417 Cal. Alas.
discolor || (Lec.) 51–204
lutosus Melsh. 53–31
66. phæopterus Kby. 37–70 Can.
67. bicolor Kby. 37–70 Can. Alas.
68. obliteratus (Lec.) 59–5 Nebr.
69. griseipennis (Lec.) 59–5 Nebr. Cal.
70. obsoletus (Lec.) 58–15 Cal.
71. infuscatus Aubé 38–330 Lab.
72. erythropterus (Say) 23–95 Mass. N.Y.
73. morosus (Lec.) 51–204 Cal. [Va.
fossiger Mots. 59–170
74. strigulosus (Cr.) 73–422 Cal.
nanus (Lec.) 78–452 Colo.
75. anthracinus Mann. 52–304 N.H. L.Sup.
scapularis Mann. 52–203
76. arcticus (Payk.) 98–201 Lab.
subfasciatus (Lec.) 62–17
77. clavatus Lec. 59–4 Man.
78. austini Shp. 82–516 B.C.
79. nigroæneus Er. 37–157 Lab. Mass.
erichsoni G. & H. 68–451 [L.Sup.
lutosus (Cr.) 73–419
sobrinus Mots. 59–170
80. gagates Aubé 38–306 N.H. N.J. Va. Ind.
81. discors (Lec.) 61–341 Or. Vanc. I.
82. tristis Aubé 38–356 Lab. N.H. Alas.
atratus Mann. 53–157
83. leptopsis (Lec.) 78–596 L.Sup.
84. longulus (Lec.) 78–596 L.Sup.
85. fuscipennis Payk. 98–209 Eur. Lab.

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— ?subopacus Mann. 53–157
— ?terminalis Melsh. 46–27
— ?americanus Aubé 38–334

Ilybiosoma Cr. 73–413

2586. regularis (Lec.) 51–203 Cal.
oblongum (Mots.) 59–369
87. bifarius (Kby.) 37–71 Can. Mich. Mass.

Ilybius Er. 32–34

2588. ater (DeG.) 74–401 Pa.
ungularis (Lec.) 62–521 Middle States.

Ilybius Er.

2589. subæneus Er. 39–156 Nfld. Lab.
viridiæneus Cr. 73–411 Kans. H.Bay.
90. pleuriticus Lec. 50–213 Lab. N.H. L.Sup.
91. suffusus Cr. 73–411 Ind. T.
92. inversus Shp. 82–552 " N.A."
93. 4-maculatus Aubé 38–274 Or. Alas.
94. ignarus Lec. 62–521 Mich. N.Y.
95. angustior (Gyll.) 08–500 Nfld. Lab.
picipes Kby. 37–71 [L.Sup.

Ilybius Er.

2596. fuliginosus (Fab.) 92–191 N.A.?
97. discedens Shp. 82–557 H.Bay. Lab. N.H.
98. biguttulus (Germ.) 34–29 Can. Mass.
?fenestralis (Say) 23–95 [Ill. Va.
?fraterculus Lec. 62–521
99. laranæus Lec. 59–4 Nebr.
2600. confusus Aubé 38–280 Ind. N.Y.
01. oblitus Shp. 82–560 " N.A."

AGABETINI

Agabetes Cr. 73–401

2602 acuductus (Harr.) 28–124 Ind. Mass.

MATINI

Matus Aubé 38–390

2603. bicarinatus (Say) 23–98 Mass. Ind. Fla.

COPELATINI

Copelatus Erichs. 32–38

2604. cælatipennis Aubé 38–382 Fla.
05. glyphicus (Say) 23–99 Minn. Kans.
10-striatus Aubé 38–379 [N.Y. Fla.
punctulatus Aubé 38–381

Copelatus Erichs.

2606. impressicollis Shp. 82–589 Ariz.
07. chevrolati Aubé 38–389 Fla.
a. australis Schæff. 08–17 Tex. Ariz. Cal.
08. fragilis Shp. 82–40 L.Cal. Guat.

COPTOTOMINI

Coptotomus Say 34–443

2609. obscurus Shp. 82–601 Fla. Tex.
10. interrogatus (Fab.) 01–267 Can. Kans.
venustus Say 23–98 [Fla.

Coptotomus Say

difficilis Lec. 51–204 Cal.
serripalpis Say. 34–443 Mex.
2611. longulus Lec. 51–205 Wyo. Minn.

COLYMBETINI

Scutopterus Cr. 73–404

2612. angustus (Lec.) 50–213 L.Sup. N.H.
13. horni Cr. 73–405 L.Sup. Can.
coriaceus Horn nec Cast. 71–330 Can.

Rhantus Lac. 35–309

2614. divisus (Aubé) 38–248 Cal. Colo.
15. flavogriseus Cr. 73–409 " N.A."
longipes Shp. 82–612 B.C.
obscurus Shp. 82–613 Cal.
16. binotatus (Harr.) 28–164 Wis. Ariz.
assimilis (Kby.) 37–72 [N.H. N.Y.
plebejus Shp. 82–613
17. anisonychus Cr. 73–409 Cal.
18. atricolor (Aubé) 38–265 Ariz.
19. calidus (Fab.) 92–193 Me. N.J. Fla.
tæniolis (Say) 23–94
a. meridionalis Melsh. 46–27 Ga.
?consimilis Mots. 59–168 Cal.
20. sinuatus Lec. 62–522 Wis. N.Y.
21. confusus Blatch. 10–229 Ind.
22. notatus (Fab.) 81–296 Can.
?sericans Shp. 82–619 B.C.
23. bistriatus (Bergst.) 78–42 Can. Lab.
agilis (Payk.) 98–199 [N.H. Ind.
suturellus (Harr.) 28–164

Rhantus Lac.

2624. tostus Lec. 66–366 Or. L.Sup.
25. discedens Shp. 28–615 Cal. [N.Y.

Colymbetes Clairv. 06–188
(*Cymatopterus* Esch. 37–61)

2626. paykulli Er. 39–149 No.Eur.& Am.
27. longulus Lec. 62–522 Can. N.H.
28. obscuratus Mann. 53–154 Alas.
29. grœnlandicus Aubé 38–233 Greenland. Lab.
drewseni Lec. 62–523 Greenland.
30. seminiger Lec. 62–522 Sask.
inæqualis Horn 71–330 Cal. Or.
31. strigatus Lec. 51–203 Cal.
strigosus Lec. 62–522 Cal.
crotchi Shp. 82–626 Cal.
32. sculptilis Harr. 29–8 Lab. Can. Mich. N.Y.
exaratus Lec. 62–522 Can.
densus Lec. 59–282 Cal.
triseriatus (Kby.) 37–73 Can.
33. rugipennis Shp. 82–628 Nebr. Lab.
34. dolobratus (Payk.) 98–204 Alas.
35. thomsoni Shp. 82–628 Greenland.

DYTISCINÆ

DYTISCINI

Dytiscus L. 58–411
(*Dyticus* Geoffr. 62–185)
(*Leionotus* Kby. 37–76)

2636. fasciventris Say 24–270 Mich. Ind.
carolinus Aubé 38–120 [N.Y.
cordieri Aubé 38–108

Dytiscus L.

2637. hybridus Aubé 38–116 Ind. N.Y. Va.
compar Melsh. 46–26
38. verticalis Say 23–92 Mich. Ind.
39. marginicollis Lec. 44–201 Cal. [N.Y.
40. sublimbatus Lec. 57–34 B.C.

Dytiscus L.
2641. marginalis L. 58–411 Can. N.Y.
42. parvulus Mann. 56–154 Alas. Lab.
43. vexatus Shp. 82–643 Alas.
44. circumcinctus Ahr. 11–67 Man.
anxius Mann. 43–218 Alas.
albionicus Mots. 59–166 Cal.
fuscostriatus Mots. 59–167 Cal.

Dytiscus L.
2645. dauricus Gebl. 32–39 Alas. L.Sup.
confluens Say. 34–440 [N.H.
diffinis Lec. 50–212 L.Sup.
ooligbuki Kby. 37–74 Can.
franklini Kby. 37–77 Can.
ventralis Mots. 55–79 Alas.
46. harrisi Kby. 37–76 Can.Ind.N.Y.

HYDATICINÆ

Hydaticini

Hydaticus Leach 17–69
2647. stagnalis (Fab.) 87–191 B.C. Ind.
cinctipennis Aubé 38–191 [Mass.
?americanus Shp. 82–654 Red River.
?modestus Shp. 82–650 " N.A."

Hydaticus Leach
2648. lævipennis Thom. 67–88 Red River.
49. piceus Lec. 63–23 Mich. Ind.
50. bimarginatus Say 34–442 Va.Fla. [N.Y.
fulvicollis Aubé 38–124

Thermonectini

Acilius Leach 17–69
2651. semisulcatus Aubé 38–132 B.C. Mich.
Kans. N.Y.
a. abbreviatus Mann. 43–219 Alas.
b. oregonensis Cr. 73–402 Or.
c. simplex Lec. 51–202 Cal.
d. latiusculus Lec. 57–34 Cal.
52. fraternus (Harr.) 28–156 Mass. Nfld.
53. mediatus (Say) 23–33 N.H.N.Y.Va.
maccullochi (Kby.) 37–74 Can.

Thermonectes Cr. 73–402
2654. ornaticollis (Aubé) 38–140
a. nigrofasciatus (Aubé) 38–136
55. basilaris (Harr.) 29–8
a. intermedius Cr. 73–402
b. latecinctus (Lec.) 51–203

Thermonectes Cr.
2656. margineguttatus (Aubé) 38–149
Mex. W.I.
L.Cal.
57. marmoratus (Hope) 32–284 Ariz. L.Cal.
maculatus (Lec.) 54–221
58. peninsularis Horn 94–362 Cal.

Graphoderes Thoms. 60–38
2659. liberus (Say) 25–160 Mich. Mass.
rugicollis (Kby.) 37–73 [Fla.
brunnipennis (Aubé) 38–203
thoracicus (Harr.) 28–156
60. cinereus (L.) 58–412 B.C. Ill. Mass.
?fasciatocollis (Harr.) 28–156
61. perplexus Shp. 82–695 " N.A."
62. elatus Shp. 82–695 Red River.
63. occidentalis Horn 83–281 Cal.

Eretini

Eretes Cast. 32–397
2664. sticticus (L.) 66–666 Kans. Ariz.

CYBISTRINÆ

Megadytes Shp. 82–704
2665. fraternus Shp. 82–708 W.I. Fla.
L.Cal.

Cybister Curtis 27–151
(*Trogus*‡‖ Leach 17–69)
2666. olivieri Cr. 73–399 Fla.

Cybister Curtis
2667. fimbriolatus (Say) 23–91 Ill. N.Y. Va.
dissimilis Aubé 38–69
68. ellipticus Lec. 51–202 Cal.
69. explanatus Lec. 51–202 Cal.
70. flavocinctus Aubé 38–78 Mex.

GYRINOIDEA

GYRINIDÆ

Aubé 38; Leconte 68; Regimbart 82, 07; Zaitzev 08; Ahlwarth 10

Enhydrini

Dineutes MacLeay 25–30
(*Cyclous* Esch. 37–66)
(*Cyclinus* Kby. 37–78)
2671. vittatus (Germ.) 24–32 N.J.-Va.
opacus (Melsh.) 44–29 Ga.
72. robertsi Leng 11–11 Ga.

Dineutes MacLeay

2673. sublineatus Chev. 33–f.1. Ariz. L.Cal.
♀ integer Lec. 54–221
74. discolor Aubé 38–784 Ind.Atl.Coast.
labratus (Melsh.) 44–29 Pa.
75. angustus Lec. 78–378 Va. Fla.
76. serrulatus Lec. 68–366 Fla. Ga.
77. analis Regt. 82–416 Tex. La. Fla.
78. productus Rbts. 95–285 Tex.

Dineutes MacLeay

2679. nigrior Rbts. 95–284 Atl. Coast.
80. americanus Say 26–107 Can. U.S.
assimilis (Kby.) 37–78
81. horni Rbts. 95–284 Atl. Coast
Tex.
82. emarginatus Say 26–108 Ind.Atl.Coast.
americanus Aubé nec Say 38–778
83. carolinus Lec. 68–367 Fla. Tex.

GYRININI

Gyrinus Geoffr. 62–193

2684. minutus Fab. 01–276 Eur. N.A. Ind.
rockinghamensis Lec.68–370 N.C. [Fla.
85. confinis Lec. 68–368 Lab. H.Bay.
Can.
86. fraternus Coup. 65–60 L.Sup. Ind.
Can.
87. æneolus Lec. 68–368 N.Y. Ind.
Mich.
88. limbatus Say 25–109 Can. Ind. Fla.
89. dichrous Lec. 68–368 Mass.
90. elevatus Lec. 68–368 N.Y. Fla.
91. ventralis Kby. 37–80 Lab. L.Sup.
limbatus Aubé 38–672 [Pa.
92. aquiris Lec. 68–368 Lab. Can. U.S.
93. plicifer Lec. 51–209 Ill. Ariz. Cal.
?lateralis Aubé 38–773
?marginiventris Mots. 59–174
94. consobrinus Lec. 51–209 Cal.
?fuscipes Mots. 59–173 Cal.
95. maculiventris Lec. 68–369 L.Sup. Mont.
96. affinis Aubé 38–669 Ind. Mich.

Gyrinus Geoffr.

2697. piceolus Blatch. 10–240 Ind.
98. canadensis Regt. 83–159 Can.
99. pernitidus Lec. 68–369 Fla. Ga. Cal.
2700. analis Say 25–108 U.S. Ind.
aubei Lec. 63–18
01. gibber Lec. 68–370 N.C.
02. opacus Sahlb. 17–45 Iceland Lab.
03. pectoralis Lec. 68–370 H.Bay.L.Sup.
04. picipes Aubé 38–694 Lab. Alas.
05. marinus Gyll. 08–143 H.Bay.Green-
land.
opacus Lec. nec Sahlb. 68–369
Greenland.
a. dorsalis Gyll. 08–142 Greenland.
06. impressicollis Kby. 37–79 Can.
07. borealis Aubé 38–692 Can. Mass.
sayi Aubé 38–698 [N.Y.
a. lugens Lec. 68–369 L.Sup. Mass.
08. corpulentus Regt. 83–178 " N.A."
09. parcus Say 34–448 Tex. Fla.
L.Cal.

ORECTOCHILINI

Gyretes Brullé 34–241

2710. californicus Regt. 07–188 Cal.

Gyretes Brullé

2711. sinuatus Lec. 51–210 Cal. Tex.
compressus Lec. 63–23 Ill.

PALPICORNIA OR HYDROPHILOIDEA

HYDROPHILIDÆ

Mulsant 44; Leconte 55; Horn 73, 90; Kuwert 90; Ganglbauer 04; Zaitzev 08; d'Orchymont 16

HYDRÆNINÆ

Ochthebius Leach 15–95

*

2712. benefossus Lec. 78–381 Vt. N.J.

**

13. rectus Lec. 78–379 Cal. Wy.
14. puncticollis Lec. 51–210 Cal. Ariz.
15. discretus Lec. 78–379 Can.Ariz.Cal.
16. nitidus Lec. 50–217 L.Sup. Or.
fossatus Lec. 55–362 [So.Cal.Ariz.

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17. cribricollis Lec. 50–217 L.Sup. Cal.

****

18. tuberculatus Lec. 78–380 Pa. Fla. N.
foveicollis Lec. 78–381 [Mex.
19. lævipennis Lec. 78–381 Cal.

*****

20. interruptus Lec. 51–21 Wy. Cal. Ariz.

Ochthebius Leach

2721. attritus Lec. 78–380 Fla.
simplex Lec. 78–380
22. costipennis Fall 01–214 So.Cal.
23. lineatus Lec. 51–211 Cal.Ariz.Tex.
24. sculptus Lec. 78–381 Can.Cal.Ariz.
25. wickhami Fall 01–213 Ariz.
26. holmbergi Mann. 53–166 Can.Alas.Cal.

******

27. putnamensis Blatch.10–253 Ind.

(*Prionochthebius* Kuw ?) 87–387

28. lapidicolus VanD. 18–306 Cal.

Hydræna Kug. 94–579

2729. pennsylvanica Kies. 49–166 N.Y.Ind.So.
Cal. Ct.
30. punctata Lec. 55–362 Pa.
31. marginicollis Kies. 49–177 La. Fla.

HYDROSCAPHINÆ

Böving 14

Hydroscapha Lec. 74–45
2732. natans Lec. 74–46 So.Cal. Ariz.

LIMNEBIINÆ

Limnebius Leach 15–96
(*Limnocharis* Horn 72–144)
2733. piceus (Horn) 72–144 Cal.
politus (Csy.) 86–168 Cal.
34. angustulus (Csy.) 86–168 Tex.

Limnebius Leach
2735. alutaceus (Csy.) 86–168 Cal.
36. congener (Csy.) 86–170 Cal.
37. discolor Csy. 00–52 Vt.
38. coniciventris (Csy.) 86–171 Tex.

HELOPHORINÆ

Helophorus Fab. 75–66
*
2739. tuberculatus Gyll. 08–129 L.Sup. Ind.
scaber Lec. 50–218
**
40. inquinatus Mann. 52–243 Alas. L.Sup.
consimilis Mann. 53–164 [Lab.
***
41. fortis Lec. 66–366 Cal.
42. oblongus Lec. 50–217 L.Sup.
43. lacustris Lec. 50–217 L.Sup. Ind.
44. obscurus Lec. 51–210 Cal.
45. nitidulus Lec. 55–357 L.Sup. Ind.

Helophorus Fab.
2746. linearis Lec. 55–357 Wy.Ind.Mich.
?pusillus Mots. 60–106 N.C. [Nev.
47. angustulus Mann. 53–165 Alas.
alternatus Lec. 61–341 Cal.
48. granularis (L.) 61–214 Eur. N.Am.
49. obsoletesulcatus Mots. 60–106 N.Y. Pa.
50. lineatus Say 23–200 Conn. Ind. Lab. Nfld.
?pallens Csy. 84–81 Ariz.
?ventralis Mots. 60–105 N.Y.
51. auricollis Esch. 22–43 Alas.

EPIMETOPINÆ

Epimetopus Lac. 54–467
(*Ceratoderus* || Muls. 51–1)
(*Sepidulum* Lec. 74–47)

Epimetopus Lac.
2752. costatum (Lec.) 74–47 Tex.
53. thermarum Sz. & Barber 17–130 Ariz.

HYDROCHINÆ

Hydrochus Leach 17–190
2754. scabratus Muls. 44–373 L.Sup. to So.
gibbosus Melsh. 44–99 Pa [St.
55. callosus Lec. 55–359 La.
56. foveatus Hald. 53–375 Tex. Fla.
57. rugosus Muls. 44–373 M.St. Fla.
grandis Mots. 60–104
58. inæqualis Lec. 55–359 La. Fla. Ind.
59. excavatus Lec. 55–360 La. Ind. Conn.

Hydrochus Leach
2760. rufipes Melsh. 44–101 M.S.St.L.Sup.
61. subcupreus Rand. 38–40 Mass. Ind.
62. granulatus Blatch. 10–253 Ind.
63. variolatus Lec. 51–211 Cal.
64. squamifer Lec. 55–359 L.Sup. Ind.
65. impressus Zimm. 69–249 N.C.
66. vagus Lec. 51–211 Cal.
67. simplex Lec. 55–361 La. Fla.

HYDROPHILINÆ

BEROSINI

Berosus Leach 17–92
*
(*Enoplurus* Hope 38–128)
2768. ?maculosus Mann. 53–167 Russ. A.
tesselatus Mots. 59–180
69. punctatissimus Lec. 51–211 Cal. Ariz.
70. salvini Shp. 82–79 Mex.
71. miles Lec. 55–363 Tex. Ariz. L.Cal.
72. pugnax Lec. 63–24 La. Ill. Mo.
73. emarginatus Horn 73–120 Tex. [Fla.
**
(*Berosus* s. str.)
74. aculeatus Lec. 55–363 N.C. Fla.
75. subsignatus Lec. 55–364 Tex. So.Cal.
76. pantherinus Lec. 55–364 Ill. Ind.
77. peregrinus (Hbst.) 97–314 Midd.&So.St.
auritus Melsh 44–100 [Fla. Ind.

Berosus Leach
2778. immaculatus Zimm.69–249 N C.-Ill.-Mo.
79. moerens Shp. 82–84 L.Cal. Mex.
80. exilis Lec. 51–211 Ariz.
81. exiguus (Say) 25–189 Fla. Pa.-La.
82. pallescens Lec. 55–366 N.Y.
83. infuscatus Lec. 55–365 Midd.&So.St.
punctulatus || Lec. 51–211 Cal. [Fla.
californicus Mots. 59–179 Colo.Cal.Ariz.
84. striatus (Say) 25–188 Middle States
fraternus Lec. 55–366 [Ind. Fla.
ordinatus Lec. 55–365 N.Y.
85. rugulosus Horn 73–124 Ariz. L.Cal.
86. styliferus Horn 73–121 Colo.
87. salinus Fall 01–215 So.Cal.

Derallus Shp. 82–77
2788. altus (Lec.) 55–366 La.

HYDROPHILINI

Sharp, 83, 91

Hydrous Dahl 75–7
(*Stethoxus* Bedel 92–307)
2789. triangularis (Say) 23–201 N.Y.-Tex.Cal. Coun. Mich.
lugubris Mots. 45–31 [Ind.
tristis (Mots.) 59–174
subsulcatus Lec. 55–221
90. ater Oliv. 92–125 So.States.
91. insularis Cast. 40–50 Tex. So.Cal.

Dibolocelus Regimb. 01–192
2792. ovalis Ziegl. 44–45 N.Y. Pa. Fla. Conn. Ind.

Hydrophilus DeG. 74–371
(*Hydrocharis* Hope 38–125)
2793. castus Say 35–170 La. Fla.
94. rickseckeri (Horn) 95–233 Cal.
95. obtusatus Say 23–201 Conn. Mich.
grandis Zimm. 69–250 S.C. [Ind.
96. lineatus Lec. 55–369 Ariz. L.Cal.
glaucus Lec. 61–341 So.Cal.
substriatus Lec. 63–18

Tropisternus Sol. 34–308
2797. striolatus (Lec.) 55–368 So.States Ind. Fla.
98. dorsalis Brullé 38–57 L.Cal. Ariz.
99. apicipalpis (Chev.) 34–54 L.Cal.
2800. nitens Cast. 40–54 L.Cal.
01. ellipticus (Lec.) 55–368 L.Cal. Ariz.
02. sublævis (Lec.) 55–368 Neb. Ga. Fla.
quadristriatus Horn 71–331 [Ind.
03. salsamentus Fall 01–214 So.Cal.
04. californicus (Lec.) 55–367 Cal.
05. glaber (Hbst.) 97–298 N.Y. L.Sup. Ga. Ind.
06. mixtus (Lec.) 55–368 N.Y.Ind.Fla.
07. lateralis (Fabr.) 75–228 N.Y.-Tex. L.Cal. Fla.
nimbatus (Say) 23–203 Fla. Mich.
lateralis || Hbst. 97–296 [Conn.
limbalis (Lec.) 55–367
marginatus Mots. 59–176
humeralis Mots. 59–176
binotatus Walk. 66–318

HYDROBIINI

Hydrobius Leach 15–96
2808. fuscipes L. 58–411 Eur. Lab. Conn. Mich.
insculptus Lec. 55–372 N.Y. [Ind.
regularis Lec. 55–372 Vt.
seriatus Lec. 55–372 Cal.
09. tumidus Lec. 55–372 N.Y.-Fla.Ind.
10. globosus (Say) 24–276 N.Eng. Ind.
melænum Germ. 24–96
11. latus Horn 73–133 Cal.
12. scabrosus Horn 73–133 Pac.Coast.
(*Sperchopsis* Lec. 62–47)
13. tesselatus Zimm. 44–44 Can.-Fla.

Anacæna Thom. 59–18
2814. infuscata (Mots.) 59–177 L.Sup.Cal.N. Mex. Nfld.
feminalis (Lec.) 78–597 [Ind.
castanea (Lec.) 78–597

Paracymus Thom. 67–120
(*Cryniphilus* Mots. 45–32)
(*Creniphilus* Horn ex parte)
2815. dissimilis (Horn) 73–136 Or. Col.
16. moratus (Horn) 90–271 Ut.
17. suturalis (Lec.) 66–366 Md.Ga.L.Cal. Fla.
18. despectus (Lec.) 63–25 Mass.-Ill.Fla. Ind.
19. subcupreus (Say) 25–189 Can.Or.Ariz. Tex. Ind.
20. elegans (Fall) 01–218 So.Cal.
21. lodingi (Fall) 10–98 Ala.
22. ellipsis (Fall) 10–99 Ariz.
a. nanus (Fall) 10–99 Fla.
23. reductus (Fall) 10–99 Fla.
24. degener (Horn) 90–273 Fla.
25. digestus (Lec.) 55–373 Can.N.Mex.
26. rufiventris (Horn) 73–135 Or. Wash. So.Cal.

Crenitis Bedel 81–306
2827. monticola (Horn) 90–271 N.H. Pa.

Helochares Muls. 44–379
(*Hydrocombus* Sharp) 82–70
2828. maculicollis Muls. 44–379 Ill. La. Ind. L. Cal. Fla.

Chasmogenus Shp. 82–73
2829. normatus (Lec.) 61–341 Ariz. So.Cal.

Enochrus Thoms. 59–18
(*Philhydrus* || Sol. 34–315)
*
2830. carinatus (Lec.) 55–370 Or. So.Cal.
31. conjunctus (Fall) 01–217 Cal.
32. fucatus (Horn) 73–127 Ut. Ariz.
33. cuspidatus (Lec.) 78–597 Cal.
**
34. nebulosus (Say) 24–277 Can.Tex.Ariz.
maculifrons (Mots.)59–179 [Cal. Fla.Ind.
a. cristatus (Lec.) 55–370 Cal.
latiusculus (Mots.) 59–178 Cal.
pectoralis (Lec.) 55–370 Cal.
?melanocephalus (Kby.) 37–120 Can.
obtusiusculus (Mots.) 59–179 Cal.
35. ochraceus (Melsh.) 44–101 Mass.-Fla.
simplex (Lec.) 63–24 [Ind.
36. perplexus (Lec.) 55–371 N.Y.-Cal.Fla.
fuscus (Mots.) 59–178 Cal. [Ind.
37. cinctus (Say) 24–276 Can.Ga.Kans.
limbalis (Melsh.) 44–101 [Fla.Pa.Ind.
38. consors (Lec.) 63–24 N.J. La. Fla.
39. estriatus (Blatch.) 17–139 Fla.
40. californicus (Horn) 90–248 Cal.
latiusculus (|| Horn) 73–130
41. hamiltoni (Horn) 90–249 Can. N.J. Cal.(?) Ind.
42. diffusus (Lec.) 55–371 Nebr. Cal. (Fla.?)
43. reflexipennis (Zimm.) 69–250 N.J.Del.Conn.
angustulus (Csy.) 84–83 N.J.

Cymbiodyta Bedel 80–307
2844. punctatostriata (Horn) 73–131 Cal.
45. fraterculus Shp. 82–71 Ariz. Mex.
46. dorsalis (Mots.) 59–177 So.Cal.
47. morata Horn 90–256 N.Mex.
48. imbellis (Lec.) 61–341 Cal. N.Mex.
49. rotunda (Say) 25–188 Midd.St.Ga.
nitens (Zimm.) 69–250 N.C.
50. fimbriata (Melsh.) 44–101 Fla. Pa. Nfld.
semistriatus (Zimm.) 69–250
51. blanchardi Horn 90–258 Vt. D.C. Ind.
52. lacustris (Lec.) 55–369 Can. Mass.
marginella (|| Kby.) 37–120 [L.Sup.

Helocombus Horn 90–259
2853. bifidus (Lec.) 55–371 Lab. Can.-Ga. Fla. Ind.

Laccobius Er. 37–202
2854. agilis Rand. 38–19 Me. L.Sup. Kans.
punctatus Melsh. 44–100 Ind. Pa. Nfld.
55. ellipticus Lec. 55–363 Ariz. Cal. L.Cal.

Helobata Berg. 88–222
(*Helopeltis* || Horn 73–137)
(*Helopeltina* Ckll. 06–240)
2856. larvalis (Horn) 73–137 La.-Mex.-Cuba, Fla.

CHÆTARTHRIINI

Chætarthria Steph. 32–401
(*Cyllidium* Er. 37–211)
2857. nigrella (Lec.) 61–342 Cal.
58. minor Fall 01–216 So. Cal.

Chætarthria Steph.
2859. atra (Lec.) 63–24 N.Y. Conn. Ind.
60. pallida (Lec.) 61–342 L.Sup. Cal.
nigriceps (Lec.) 61–342 L.Sup. [Fla.

SPHÆRIDIINÆ

Horn 90–279

Dactylosternum Woll. 54–99
(*Cyclonotum* ‡ auct. nec Er.)
2861. abdominale (Fab.) 92–79 N.C.-Fla.
62. cacti (Lec.) 55–373 Cal. Ariz.
63. advectum Horn 90–284 Fla.

Phænonotum Shp. 82–97
2864. estriatum (Say) 35–171 Md. Tex. Fla.
65. semiglobosum (Zimm.) 69–250 [Ind. Fla.

Phænotypus Horn 90–285
2866. palmarum Schwarz 78–355 Fla.

Sphæridium Fabr. 75–66
2867. scarabæoides (L.) 58–356 †Eur. N.A.
68. bipustulatum Fabr. 81–78 †Eur. N.A.
a. quadrimaculatum Marsh. 02–66 Eur. N.A.

Cercyon Leach 17–95 Horn 90–288

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2869. littoralis (Gyll.) 08–111 Eur. Atl. Coast, Nfld.

**

70. depressus Steph. 29–138 Eur. N.A. (Coast) Conn.

***

71. fimbriatus Mann. 52–344 Pac. Coast. Alas.
72. luniger Mann. 53–168 Pac. Coast.
73. unipunctatus (L.) 58–364 Eur. N.A.
74. quisquilius (L.) 61–138 Eur. N.A.
75. ocellatus (Say) 25–191 Can. Ill. Ind.
(occalatum err. typ.)
76. prætextatus (Say) 25–190 Ind. Can. Kans. Fla.
77. marinus Thoms. 53–54 Eur. N.A.
78. fulvipennis Mann. 52–343 Pac. Coast. Alas.
79. lateralis (Marsh.) 02–69 Eur. N.A.
limbatus Mann. 43–260 Pac. Coast.
80. indistinctus Horn 90–297 Can.-Pa.

Cercyon Leach
2881. adumbratus Mann. 43–260 Pac. Coast.
82. variegatus Shp. 82–107 La. Fla.
83. hæmorrhoidalis (Fabr.) 75–67 Eur. Nfld.
flavipes (Fabr.) 92–81 [Conn. Ind.
nigricollis (Say) 25–190
84. melanocephalus (L.)58–356 Eur. N.A. Ind.
nanus Melsh. 44–102
85. pygmæus (Illig.) 01–40 Eur.N.A.Nfld.
apicalis Say 23–204 [Conn. Ind.
(apicialis err. typ.)
86. nigriceps (Marsh.) 02–72 Eur. N.A. So.Cal. Can. Fla. La. Ind.
centrimaculatus Sturm 07–23
mundus Melsh. 44–101
87. convexiusculus Steph. 29–146 Eur. N.A.Ind.
lugubris (Payk.) 98–59 [So.Cal.Alas.
88. tristis (Illig.) 01–39 Eur. N.A.Ind.
minutus (Gyll.) 08–110
89. rufescens Horn 95–233 L.Cal.
90. floridanus Horn 90–303 Fla.
91. granarius Er. 37–221 Eur. N.A.
minusculum Melsh. 44–102 [Pa. Nfld.
92. navicularis Zimm. 69–250 Can.-La. Cal Ind.

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93. analis Payk. 98–187 Eur. N.A.Fla
maculatus Melsh. 44–101 [Pa. Ind.

Oosternum Sharp 82–112
2894. costatum Sharp 82–113 Fla. Cuba, Mex. C.A.
94½. pubescens Lec. 55–374 Midd.St. Ind

Pelosoma Muls. 44–184
2895. capillatum Lec. 55–374 Ariz. Tex.

Pemelus Horn 90–309
2896. costatus (Lec.) 55–374 D.C. Tenn.

† Introduced.

Megasternum Muls. 44–187
2897. posticatum Mann. 52–354 Pac. Coast.
98. punctulatum Horn 90–309 La. [Alas.

Cryptopleurum Muls. 44–188
2899. minutum (Fabr.) 92–68 Eur.N.A.Ind.
atomarium (|| Oliv.) 90–15
vagans Lec. 55–375 L.Sup.

Cryptopleurum Muls.
2900. americanum Horn 90–311 Ohio, Ind.
01. cerei Schwarz 99–8 Ariz.

(*Cybocephalus* ‡)
— ?unicolor (Mots.) 45–364 Sitka.

STAPHYLINOIDEA

PLATYPSYLLIDÆ

(Achreioptera Westw.)

Ritsema 69; Leconte 72, 83; Everts 98; Ganglbauer 99; Sharp 01; Desneux 06; Reitter 84, 09; Csiki 10; Seidlitz 89; Horn 82; Westwood 69, 74; Kolbe 86; Riley 88; Bonheure 84

Platypsyllus Rits. 69–23
2902. castoris Rits. 69–23 Eur.&Tex.
castorinus Westw. 69–119 [Dak.Cal.Alas.

BRATHINIDÆ

Leconte 61; Casey 87

Brathinus Lec. 52–156
2903. nitidus Lec. 52–157 Nfld. N.S.-
04. varicornis Lec. 52–157 N.Y. [L.Sup.

Brathinus Lec.
2905. californicus Hub. 93–11 Cal.

LEPTINIDÆ

Leptinus Müll. 17–266
2906. testaceus Müll. 17–268 Eur.
americanus Lec. 66–367 Ia. O. Pa. D.C. B.C.

Leptinillus Horn 82–113
2907. validus (Horn) 72–145 H.B.T.
08. aplodontiæ Ferris 18–125 Cal.

SILPHIDÆ

Leconte 53; Horn 80

SILPHINI

Necrophorus Fab. 75–71
2909. carolinus (L.) 71–530 Gulf St. Fla.
mediatus Fab. 01–334 [N.Mex.
10. mysticallis Ang. 12–307 Ariz.
11. americanus (Oliv.) 90–10 Ind. Atl. St.
grandis Fab. 92–247 Conn.-Tex.
virginicus Fröl. 92–123
12. sayi Lap. 35–2 Ind. No. Atl.
lunatus || Lec. 53–277 [St.
luniger G. & H.
13. orbicollis Say 25–177 Ind. H.B.T.-
halli Kby. 37–98 Fla. L.Sup.
quadrisignatus Lap. 35–1 [Conn.
14. marginatus Fab. 01–334 Ind. U.S.& Can. Conn. So.Cal. Ariz.
15. obscurus Kby. 37–97 H.B.T.-Ut.
melsheimeri ‡ Lec. 53–275 [L.Sup.
16. guttula Mots. 45–53 Alas. Colo.-
a. hecate Bland 65–382 [So.Cal.Ariz.
17. grandior Ang. 12–307 Cal.

Necrophorus Fab.
2918. pustulatus Herschel 07–271 N.Eng.-Tex.
bicolon Newm. 38–385 [Ind.
tardus Mann. 53–170
a. melsheimeri Kby. 37–97 Colo.-Alas.
maritimus Mann. 43–251 Vanc. Ariz.
infodiens Mann. 53–170 Alas.
pollinctor Mann. 53–169 Alas.
confossor Lec. 54–20
labiatus Mots. 60–126 Alas.
b. nigritus Mann. 43–251 So.Cal.-Tex.
19. vespilloides Hbst. 84–32 Eur. Can. No.
mortuorum Fab. 92–248 [St. Alas. Nfld.
pygmæus Kby. 37–98 [L.Sup.
hebes Kby. 37–96
defodiens Mann. 46–513
a. conversator Walker 66–320
pollinctor || Lec. 54–19 Vanc.
20. tomentosus Web. 01–47 Atl. St. Ind.
velutinus Fab. 01–334 [Conn.

Philas Port. 03–331
2921. truncata (Say) 23–193 Kan. N.Mex. Ariz.

Silpha L. 58–569
(*Necrodes* Leach)
2922. surinamensis Fab. 92–72 Ct.Atl.St.Ind. Kan.Tex.
(*Thanatophilus* Leach) [L.Sup.
23. lapponica Hbst. 93–269 Lab. W.Can.-Alas. So.Cal.
caudata Say 23–192 [Ariz.
tuberculata Germ. 24–81 Sib. No. Eur.
californica Mann. 43–253.
(*Silpha* L. s. str.)
(*Peltis* Geoff.)
(*Asbolus* Voet.)
(*Pseudopelta* Voet.)
(*Necrobora* Hope)
(*Phosphyga* Leach)
24. trituberculata Kby. 37–101 H.B.T. Alas.
sagax Mann. 53–173 [Sib. Eur.
25. coloradensis Wickh. 02–180 Colo.
26. inæqualis Fab. 81–87 Fla.U.S.-Colo. Ind. L.Sup. Conn.
27. noveboracensis Forst. 71–17 U.S.-Colo.Ind.
marginalis Fab. 87–215 [Conn.
marginata Kby. 37–100
28. americana L. 59–570 H.B.T.-Tex. Ind. L.Sup.
peltatus (Catesby) 71–fig. 7 [Conn. Fla.
affinis Kby. 37–103
terminatus Kby. 37–103
canadensis Kby. 37–104

Silpha L.
2929. ramosa Say 23–193 Wis.-Ariz.-
cervaria Mann. 43–252 [So.Cal.
æuescens Csy. 86–171 Cal.
30. opaca L. 59–571 H.B.T.Cal. Sib.
(*Blitophaga* Reitter 97–211)
31. bituberosa Lec. 59–6 Kan.Wy. Mont.

Necrophilus Latr. 29–500
2932. pettiti Horn 80–243 Can.-Ky.Ind.
subterraneus ‡ Horn 68–125
33. hydrophiloides Mann. 43–253 Alas.-Cal.
ater Mots. 45–363

Pelatines Ckll. 06–240
(*Pelates* || Horn 80–244)
2934. latus (Mann.) 52–331 Alas.-Wash. Alb.

Pteroloma Gyll. 27–418
2935. forsstrœmi Gyll. 08–111 No.Eur.-Alas.
36. tenuicorne (Lec.) 59–84 Nev.-Wash.
37. caraboides Fall 07–235 Wash.-So.Cal.

Agyrtes Fröl. 99–18
2938. longulus (Lec.) 59–282 So.&No.Cal.-Vanc. Alas.

LYROSOMINI

Lyrosoma Mann. 53–174
2939. opacum Mann. 53–175 Alas. Sib.

PINODYTINI

Pinodytes Horn 80–248
(*Homœosoma* ‡ Austin 80–16)
2940. hamiltoni Horn 92–45 Pa.
41. pusio Horn 92–45 Cal.

Pinodytes Horn
2942. cryptophagoides (Mann.) 52–333 Alas. D.C. So.Cal.

CHOLEVINI

Platycholeus Horn 80–254
2943. leptinoides (Cr.) 74–77 Cal. Nev.
44. opacellus Fall 09–133 Cal.

Catoptrichus Murr. 56–462
2945. frankenhæuseri (Mann.) 52–332 Alas.

Choleva Latr. 96–114
(*Catops* ‡ auct. nec Payk.)
2946. egena Horn 80–257 Alas.
47. luridipennis (Mann.) 53–176 N.Eng.-Or.-Alas. Lab.
48. alsiosa Horn 85–136 Man. Alas. Ky. Ind.
49. gratiosa Blanch. 15–294 Me. Pa.
50. simplex (Say) 25–184 Ind. Atl. St.
51. basillaris (Say) 23–194 Alas.-M.St.
cadaverinus (Mann.) 43–254 [Ind.
brunnipennis (Mann.) 53–176 L.Sup.
?spenciana Kby. 37–108
52. clavicornis (Lec.) 53–281 Ct.Mich.M.St. Tex. Ind.
53. horniana Blanch. 15–294 Mass.-Pa.
54. decipiens Horn 80–259 Wash.
55. terminans (Lec.) 50–218 Can.Va.Ill. Ind.Nfld. L.Sup.

Echinocoleus Horn 85–136
2956. setiger Horn 85–136 Ariz.

Prionochæta Horn 80–260
2957. opaca (Say) 25–184 Can. Pa. O. Ind. L.Sup.

Ptomaphagus Illiger 98–88
2958. consobrinus (Lec.) 53–281 Ind.Mich.Cal. So.Cal. Fla.
lecontei Murr. 56–459 [Conn.
59. californicus (Lec.) 53–281 Cal.
60. fisus Horn 85–137 Ariz. Cal.
61. nevadicus Horn 80–263 Nev.
62. ulkei Horn 85–137 D.C.
63. oblitus (Lec.) 53–282 Ga. Fla. Ind.
64. pusio (Lec.) 59–282 (L.Sup?) Cal. Vanc.Ind.
(*Catopsimorphus* Aubé 50–324)
(*Catopomorphus* ‡ Austin)
65. parasitus (Lec.) 53–282 N.Y.-D.C.
66. texanus Melander 02–328 Tex.
67. brachyderus (Lec.) 63–25 N.S.-N.Y. Minn.

*

68. cavernicola Sz. 98–58 Mo.

Adelops Tellkampf 44–318
2969. hirtus Tellk. 44–318 Ky.

[1] The genera Pteroloma and Agyrtes are separated from Silphini by some authors.

Colon Hbst. 97–224
2970. bidentatum Sahlb. 17–95 † Mass. N.Y. Eur. Conn.
71. paradoxum Horn 80–270 Pa. D.C.
72. hubbardi Horn 80–270 Mich. Tenn. D.C.
73. dentatum Lec. 53–282 N.Y. Pa.
74. liebecki Wickh. 02–181 Colo. [L.Sup.
75. celatum Horn 80–271 Nev. Cal.
76. putum Horn 80–272 Pa. D.C.
77. magnicolle Mann. 53–177 Alas.-Pa. L.Sup.

Colon Hbst.
2978. pusillum Horn 80–273 Md.-Colo.
79. clavatum Mann. 53–178 Alas.-Colo.
80. inerme Mann. 52–333 Alas.-Colo.
81. thoracicum Horn 80–274 Mo. D.C.
decoris Csy. 84–84 Pa.
82. asperatum Horn 80–274 Can. D.C. Ill.
83. oblongum Blatch. 10–283 Ind.
84. nevadense Horn 80–275 Nev.

ANISOTOMINÆ

Triarthron Mærkel 40–141
2985. lecontei Horn 68–131 Or. Cal.
cedonulli Schauf. 82–43
86. pennsylvanicum Horn 83–284 Pa.

Hydnobius Schmidt 41–193
2987. matthewsi Cr. 74–74 Vanc. Wash.
?pallidus (Say) 34–91 Mo.
88. strigilatus Horn 80–281 Nev. Vanc.
89. arizonensis Horn 85–138 Ariz.
90. longulus Lec. 79–511 Colo.-B.C.
longidens Lec. 79–511
91. substriatus Lec. 63–25 N.S.-Colo.
curvidens Lec. 79–511 L.Sup. Alas.?
92. latidens Lec. 79–512 Can.-Colo.
pumilus Lec. 79–511 [So.Cal.
93. obtusus Lec. 79–511 Colo.-B.C.

Anogdus Lec. 66–369
2994. capitatus Lec. 66–369 Fla.
95. dissimilis Blatch. 16–93 Fla.

Anisotoma Illiger 98–69
2996. alternata (Melsh.) 46–103 Ga.
97. bumeralis Horn 80–286 So.&No.Cal. Or.
98. valida Horn 80–287 N.H.-Vanc.
99. merkeliana Horn 95–234 Wash.
3000. assimilis Lec. 50–221 N.H.-Vanc.
01. punctatostriata (Khy.) 37–110 N.H.-Vanc.
indistincta Lec. 50–221 [Ind.
læta Mann. 53–201 Alas.
02. difficilis Horn 80–288 Cal. So.Cal.
03. collaris Lec. 50–221 N.H.-B.C.
04. similis Fall 10–5 So.Cal.
05. curvata Mann. 53–202 Cal. Wash.
morula Lec. 59–282 [Alas.
06. conferta Lec. 66–367 Ill. Pa.
07. paludicola Cr. 74–74 Cal. So.Cal.
08. strigata Lec. 50–221 L.Sup.Colo. B.C.
09. obsoleta (Melsh.) 46–107 Atl.-Colo.-Tex. So.Cal.
10. sculpturata Fall 10–6 Ariz.
11. ecarinata Horn 80–292 Nev. Cal.
12. antennata Fall 10–6 So.Cal.
13. opacipennis Fall 10–5 Tex.
— lateritia Mann. 52–245 Alas.

Colenis Er. 45–82
3014. impunctata Lec. 53–284 M.St.Fla.Ill. Ind. La.

Cyrtusa Er. 45–77
3015. picipennis (Lec.) 63–25 N.Y.-Vanc. Ind. So.Cal.
16. blandissima Zimm. 69–250 N.C.-D.C.
17. superans Fall 10–8 Mass. [Fla.
18. egena Lec. 53–284 Mich.-Ga.
impubis Zimm. 69–251 [Ind.

Isoplastus Horn 80–295
3019. fossor Horn 80–295 D.C. Mich.

Stetholiodes Fall 10–4
3020. laticollis Fall 10–4 Ind.

Leiodes Latr. 96–22
(*Liodes* ‡ auct.)
3021. globosa (Lec.) 50–222 Atl.St.-Nev. Alb. L.Sup.
a. bicolor Horn 80–297 [Conn.
22. polita Lec. 53–285 Va. Ky. Ga. L.Sup.
23. discolor Melsh. 46–103 Can.-Va. Ind.
24. blanchardi Horn 80–298 Mass.
25. obsoleta Horn 80–298 Can.-Va.
26. basalis Lec. 53–285 M.St.-Ill. Ind.
a. dichroa Lec. 53–285 Ind. [L.Sup.
27. geminata Horn 80–299 Mass.-Ill.
28. confusa Horn 80–299 Nev.

Agathidium Illiger 98–81
3029 oniscoides Beauv. 05–160 Can.-Ga.-Ill.
piceum Melsh. 44–103 [Ind.
globatile Lec. 78–598 L.Sup.
30. exiguum Melsh. 44–103 Can.-Colo. Ind. Fla.
ruficorne Lec. 50–222 [L.Sup.Conn.
31. dentigerum Horn 80–303 Va. N.C.
32. californicum Horn 80–303 Nev. Cal. Wash.
33. virile Fall 01–219 So.Cal.
34. revolvens Lec. 50–222 Can.-Vanc. So.Cal. Alas.
35. sexstriatum Horn 80–303 Nev.
36. bistriatum Horn 80–304 Nev. Cal.
37. estriatum Horn 80–304 Colo.
38. repentinum Horn 80–304 N.H.
39. concinnum Mann. 52–370 So.Cal.-Alas.
effluens Mann. 53–202 [Ariz.
40. rotundulum Mann. 52–370 Alas.
41. angulare Mann. 52–369 Alas. Colo.
42. politum Lec. 66–370 Can.-Mo. Ind.
parvulum Lec. 78–598 L.Sup.
43. pulchrum Lec. 53–286 N.H. Ky. Cal.

† Introduced or circumpolar.

Agathidium Illiger
mandibulatum Mann. 53–203 Alas.
3044. difforme (Lec.) 50–222 N.H. L.Sup.

Aglyptinus Ckll 06–240
(*Aglyptus* || Lec. 66–369)
(*Aglyptonotus* Champ. 13–65)
3045. lævis (Lec.) 53–284 Can.-La. Ind.

CLAMBIDÆ

Empelus Lec. 62–52
3046. brunnipennis (Mann.) 52–369 Alas.

Clambus Fischer 20–52
3047. gibbulus (Lec.) 50–222 Can.-Tex.Fla.
48. puberulus Lec. 63–26 Mass.-D.C. Ind.

Clambus Fischer
3049. seminulus Horn 80–313 Ariz.(So.Cal.?)
50. vulneratus Lec. 79–512 Colo.

Calyptomerus Redt. 48–159
3051. oblongulus (Mann.) 53–203 Alas. Colo.

SCYDMÆNIDÆ

Schaum 41; Müller & Kunze 22; Casey 97; Leconte 52

SCYDMÆNINÆ

LOPHIODERINI

Lophioderus Csy. 97–356
3052. biformis (Mäkl.) 52–330 Alas.
53. arcifer Csy. 97–359 Or. No. Cal.
54. atlanticus Schfr. 05–123 N.C.

Lophioderus Csy.
3055. gracilis (Lec.) 52–155 Cal.
56. myops Csy. 97–361 Cal.
57. ovipennis Fall 12–10 Idaho.

EUCONNINI

Euconnus Thoms. 62–88
(*Euconnus* Thoms. s. str.)
3058. ventralis Csy. 97–366 Mass. N.Y.
59. clavipes (Say) 24–272 Fla. Mass.-
pilosicollis (Lec.) 50–218 [L.Sup.Ind.
60. consobrinus (Lec.) 52–154 N.Y.
61. scmiruber Csy. 97–368 Ill. Ind.
62. varicornis Csy. 97–369 Wy.
63. bicolor (Lec.) 52–154 Conn.
lecontei (Schauf.) 66–11 Mass. Ia.
(*Scopophus* Csy. 97–365)
64. cavipennis Csy. 97–371 Pa.
65. occultus Csy. 97–372 Ia.D.C. Ind.
66. similis Blatch. 10–295 Ind.
67. nigrescens Csy. 97–373 N.Y.
68. affinis Csy. 97–374 Pa.
69. gratus Csy. 97–375 N.C.
70. putus Csy. 97–376 Tex.
71. merus Csy. 97–377 Tex.
72. relucens Csy. 97–378 Fla.
— mississippicus (Zimm.) 69–251
(*Xestophus* Csy. 97–365)
73. salinator (Lec.) 52–154 N.Y.-Ia. Ind.
(*Psomophus* Csy. 97–366)
74. hædillus Csy. 97–380 R.I. [Conn.
75. fatuus (Lec.) 52–155 Mass. N.Y. Can. Fla. Ind.
76. impotens Csy. 97–382 Tex.
77. callidus Csy. 97–383 Tex.
78. debilis Csy. 97–383 Mich.
79. capitatus Csy. 97–384 N.C.

Pycnophus Csy. 97–385
3080. rasus (Lec.) 52–153 Can.N.Y. Pa. Ia. Ind.

Noctophus Csy. 97–387
3081. schmitti Csy. 97–388 N.C.

Drastophus Csy. 97–389
3082. lævicollis Csy. 97–389 Cal. B.C.

Connophron Csy. 97–390
3083. repletum Csy. 97–399 Ark.
84. optatum Csy. 97–399 Fla.
85. longipenne Csy. 97–400 Ia.
86. acutipenne Csy. 97–401 Tex.
87. formale Csy. 97–402 Ia. Ind.
88. simulans Csy. 97–402 Tex.
89. schaumi (Lec.) 52–151 La.
magister (Lec.) 63–21 Fla.
90. flavitarse (Lec.) 52–152 N.Y. Mich. Ind.
91. orcophilum Csy. 97–405 Pa. Conn.
92. longicorne Csy. 97–406 Tex.
93. rubrum Csy. 97–406 Tex.
94. dentiger Csy. 97–407 Ia.
95. extricatum Csy. 97–408 Fla.
96. ludificans Csy. 97–409 Ia.
97. gaudens Csy. 97–410 Can.
98. nigripenne Csy. 97–410 Ia.
99. fossiger (Lec.) 52–152 Mass.-N.C.-Colo.Fla. Ind.
3100. novellum Csy. 97–412 Miss.
01. brevicorne (Say) 24–273 Pa. Fla.
02. tenebrosum Csy. 97–414 R.I. Mass.
03. femorale Csy. 97–414 Ia. Mich.
04. procerum Csy. 97–415 Fla.
05. elongatum Csy. 97–416 Fla.
06. clavicorne Csy. 97–417 N.Y. Pa. Ia.
brevicornis (Lec. nec Say) 52–153 [Ind.
07. abducens Csy. 97–418 Pa. Ind.
08. luteipes Csy. 97–418 Pa.

Connophron Csy.

3169. lætulum Csy. 97–419 N.Y.
10. furtivum Csy. 97–420 No. Ill.
11. comptum Csy. 97–421 Pa.
12. humile Csy. 97–421 D.C.
13. pallidum Csy. 97–422 Pa.
14. angusticolle Csy. 97–423 Tex.
15. frontale Csy. 97–423 R.I.
16. frustum Csy 97–424 Fla.
17 integrum Csy 97–425 O Ill. Ind.
18. occidens Csy. 97–426 Cal. So.Cal.
19. anale (Lec.) 52–153 La. Tex. Fla.
20. ventricosum Csy. 97–428 Tex. [L.Sup.
21. hirtellum (Lec.) 52–152 Ga Ala.
22. decorum Csy 97–430 Pa.
23. digressum Csy 97–430 Cal. So.Cal.
24. setiger Csy. 97–431 Tex.
25. divisum (Sz.) 78–357 Fla.
26. testaceipes Csy. 97–433 Pa.
27. inerme Csy. 97–434 Mass.
28. innocuum Csy. 97–434 Ill.
29. conifer Csy. 97–435 Fla.
30. castaneum Csy. 97–436 Pa.
31. triviale Csy. 97–437 Pa.
32. osculans Csy. 97–438 R.I.
33. pyramidale (Lec.) 63–167 Fla. Ala.
34. oregonense Csy. 97–439 Or.
35. nimbatum Csy. 97–440 R.I.
36. parcum Csy. 97–441 Pa.
37. clavatum (Lec.) 52–153 Ga. Fla. Ind.
?obscurellus (Lec.) 52–153 Ga.
38. decipiens Csy. 97–443 Tex.
39. biceps Csy. 97–443 Pa.

Connophron Csy.

3140. caviceps Csy. 97–444 Pa.
41. gravidus (Lec.) 52–155 La.
42. trinifer Csy. 97–445 R.I.-D.C.
43. debilitans Csy. 97–446 Pa. Ind.
44. trifidum Csy. 97–447 Wis.
45. fulvum (Lec.) 52–155 N.Y.-No. Ga L.Sup. Ind.
46. repuguans Csy. 97–449 Tex.
47. calcaratum Csy. 97–450 S.W.Va.
48. bifidum Csy. 97–451 Pa.
49. mutilans Csy. 97–452 Pa.
50. capillosulum (Lec.) 52–152 Mass.-D.C. Fla. Ind.
51. proximum Csy. 97–453 Tex.
52. illustre Csy. 97–454 Iowa.
53. lynceum Csy. 97–455 N.Y.
54. basale (Lec.) 52–152 Ga. La. Fla
55. politum (Say) 25–245 No.Ill.
56. longipilosum Csy. 97–458 Pa.
57. lacunosum Csy. 97–459 Pa. Conn.
58. filitarse Csy. 97–460 N.C.
59. atrum Csy. 97–461 Pa.
60. pertinax Csy. 97–462 Can.
61. pallidipes Csy. 97–462 Pa.
62. nigrum Csy. 97–463 Mich.
63. paganum Csy. 97–464 Pa.
64. limatum Csy. 97–465 R.I.
65. pumilum Csy. 97–466 N.Y. Can. Ia.

Smicrophus Csy. 97–467

3166. leviceps Csy. 97–467 Iowa.
67. evanescens Csy. 97–468 Fla.

SCYDMÆNINI

Scydmænus Latr. 02–281
(*Scydmænus* Latr. s. str.)

3168. perforatus Schaum 41–9 Mass.-Ia.
69. badius Csy. 97–475 Pa.Va.Can.
70. conjux Csy. 97–476 Ia. [Ind.
71. cribrarius Lec. 52–151 N.C.-Ga.
72. turbatus Csy. 97–478 Pa.
73. puncticeps Csy. 97–479 N.C.
74. sculpticeps Csy. 97–479 Tex.
75. ovipennis Csy. 97–480 Cal. So.Cal.
76. sparsus Lec. 52–151 Cal. (Fla.?)
cautus Lec. mss.

(*Brachycæpsis* Bndl. 89–193)

77. pacificus Csy. 97–482 Cal.
78. subpunctatus Lec. 52–150 L.Sup.
?mariæ Lec. 52–151 Mich.

Scydmænus Latr.

3179. tristis Csy. 97–484 Colo.
80. fuchsi Bndl. 89–193 Cal.
81. pubipennis Csy. 97–486 Pa.

(*Parascydmus* Csy. 97–473)

82. ventriculus Csy. 97–487 Mass.
83. corpusculum Csy. 97–488 Can. Pa.
84. caducus Csy. 97–488 Pa.
85. exiguus Csy. 97–489 Pa.

(*Taphroscydmus* Csy. 97–473)

86. californicus Mots. 45–48 Alas.

Catalinus Csy. 97–492

3187. angustus (Lec.) 52–151 Cal.

OPRESINI

Opresus Csy. 97–494

3188. misellus (Lec.) 52–155 Ga. La.
?minimus (Bndl.) 89–193
89. luteus Csy. 97–495 Pa.
90. atomus Csy. 97–496 Pa.
*
91. ovithorax (Bndl.) 93–283 Cal.

Delius Csy. 97–497

3192. robustulus Csy. 97–497 Pa.

Neladius Csy. 97–498

3193. tenuis Csy. 97–499 Pa.

CEPHENNIINI

Cephennium Müller & Kunze 22–12

3194. corporosum Lec. 52–150 N.Y. Ind.
95. virginicum Csy. 97–503 Va.
*

Cephennium Müller & Kunze

3196. anophthalmicum Bndl. 89–194
** Cal.
97. breve Schauf. 87–319 N.Am.

ASCYDMINI

Ascydmus Csy. 97–505
3198. tener Csy. 97–506 Pa.

EUTHEIINI

Eutheia Steph. 30–115
3199. americana Csy. 97–508 Pa.

Veraphis Csy. 97–509
3200. impressa (Lec.) 79–513 Cal.
01. longula (Lec.) 79–513 Colo.
02. cavicornis Csy. 97–511 Ut.
03. capitata Csy. 97–512 Pa.

Veraphis Csy.
3204. scitula (Mäkl.) 52–330 Alas. L.Sup.
05. cristata (Bndl.) 93–284 Pa.
06. colon (Horn) 68–131 Ariz. So.Cal.

Euthiodes Bndl. 93–283
3207. latus Bndl. 93–283 Ia.

CHEVROLATIINI

Chevrolatia Duval 50–45
3208. amœna Lec. 66–370 N.Y.-Ga.Fla.

LEPTOSCYDMINI

Leptoscydmus Csy. 97–518
3209. caseyi (Bndl.) 93–282 Pa.
10. cavifrons Csy. 97–520 Pa.

EUMICRINI

Eumicrus Lap. 40–209
(*Microstemma* Mots.)
3211. grossus (Lec.) 63–26 Fla. La. Ark.
12. occipitalis Csy. 97–526 S.C.
13. vestalis Csy. 84d–85 Ariz.
14. foveatus Csy. 97–528 Tenn.
15. quadriceps Csy. 97–529 Ariz.
16. motschulskii (Lec.) 63–26 Fla. La. Ill. S.C. Ind.
17. lucanus Horn 95–235 L.Cal. Ariz.
18. floridanus Csy. 97–530 Fla.
19. longicollis Csy. 97–531 Va.
20. ochreatus Csy. 97–532 Ill.
cruralis Csy. 97–534 Ill.

Eumicrus Lap.
3221. saginatus Csy. 97–533 Ia.

Acholerops Csy. 97–535
(*Cholerus* ‡ Thoms. 62–91)
3222. zimmermanni (Schaum) 41–26 Mich. Pa. Ga.
punctatus (Csy.) 84–86 [Ind.
23. retrusa Csy. 97–537 Pa.

Ceramphis Csy. 97–538
3224. deformata (Horn) 85–138 So.Cal. Ariz.

CLIDICINÆ

Papusus Csy. 97–542
3225. macer Csy. 97–544 Cal. So.Cal.

ORTHOPERIDÆ (CORYLOPHIDÆ)

Leconte 52; Matthews 99; Casey 00; Csiki 10

CORYLOPHINI

Bathona Csy. 00–61
3226. carolinæ Csy. 00–62 N.C.
27. virginica Csy. 00–62 Va.
28. convexa Csy. 00–62 N.C.
29. sphæricula Csy. 00–62 Pa.

Corylophodes Matth. 85–160
3230. marginicollis (Lec.) 52–143 R.I.-N.C. Ind.
31. impunctatus Csy. 00–63 Fla. [Fla.
32. subtropicus Csy. 00–63 Tex.

Corylophodes Matth.
3233. schwarzi Matth. 99–149 So.Cal.

Gronevus Csy. 00–63
3234. sticticus Csy. 00–64 Ia.
35. fuscicornis Csy. 00–64 Can.
36. truncatus (Lec.) 52–143 Mass.-N.J. Fla. Man.
37. hesperus Csy. 00–64 Ia. Neb. Ind.
38. lævis Csy. 00–64 Va.

ORTHOPERINI

Rypobius Lec. 52–142
(*Rhypobius* G. & H. 76–381S)
3239. marinus Lec. 52–142 R.I.-Va. Fla.
40. minutus Csy. 00–65 Tex.

Eutrilia Csy. 00–65
3241. brunnea Csy. 00–66 Cal.

Orthoperus Steph. 29–186
3242. princeps Csy. 00–66 Colo.
43. cribratus Matth. 99–183 Cal.
44. glaber Lec. 52–142 N.J.-Fla. Ind.
45. suturalis Lec. 52–142 Fla. L.Sup.
46. texanus Csy. 00–67 Tex.
47. micros Csy. 00–67 Ill. Ind.

Orthoperus Steph.
3248. arizonicus Csy. 00–67 Ariz. So.Cal.
49. alutaceus Csy. 00–67 Tex.

Orthoperus Steph.
3250. crotchi Matth. 99–184 N.Am.
51. gracilipes Matth. 99–183 N.Am. (?U.S.)

SERICODERINI

Sericoderus Steph. 29–188
3252. lateralis (Gyll.) 27–516 Cosmop.
flavidus Lec. 52–143 Man. So.Cal. N.Y.-L.Sup. Fla.

Sericoderus Steph.
3253. obscurus Lec. 52–143 Mass. N.Y. Pa. N.C. Ind. L.Sup.
54. subtilis Lec. 52–134 Fla. Tex. Ill.
55. quadratus Csy. 00–68 Cal.
56. debilis Csy. 00–69 Cal.

SACHINI (PARMULINI)

Sacium Lec. 52–144
(*Clypeaster* Latr. ‡ 29–162)
(*Parmulus* Harold 84–126)
3257. montanum Csy. 00–70 Colo.
58. lugubre Lec. 52–144 L.Sup. Man.
59. nigrum Csy. 00–70 Ut.
60. fuscum Harold 75–213 L.Sup.
obscurum Lec. 52–144
61. balteatum Matth. 99–43 N.C.
62. hemipterum Horn 96–373 Cal. (Fla.?)

Molamba Csy. 00–71
3263. obesa Csy. 00–71 Cal.
64. specularis Csy. 00–71 Tex.
65. biguttata (Lec.) 79–152 Colo. Ut.
66. lunata (Lec.) 52–144 Mass. Mo. Fla. Conn.
67. parvula Csy. 00–71 Fla.
68. lepida (Lec.) 52–144 Tex. Fla.

Molamba Csy.
3269. ornata Csy. 00–71 Ia. Ind.
70. amabilis (Lec.) 52–144 So.Cal.
71. fasciata (Say) 27–259 D.C. Ind. Fla.
subfasciata (Guér.) 29–323 [Conn.L.Sup.
72. decora Csy. 00–72 Tex.

Arthrolips Woll. 54–475
3273. nimius Csy. 00–72 So.Cal.
a. robustulus Csy. 00–72 Cal.
74. cinctus Csy. 00–73 Va.
75. mollinus (Sz.) 78–356 Fla.
76. scitulus (Lec.) 52–145 So.Cal.
77. splendens (Sz.) 78–357 Fla.
78. decolor (Lec.) 52–145 So.Cal. Ia.
californicus (Matth.) 99–45
79. misellus (Lec.) 52–145 Mass. Pa.
80. sparsus Csy. 00–73 Tex.

AENIGMATICINI

Ænigmaticum Matth. 88–104
3281. californicum Csy. 89–144 Cal. So.Cal.

Ænigmaticum Matth.
3282. elongatum (Lec.) 78–399 Fla.
ptilioides (Matth.) 87–105 C.Am.

STAPHYLINIDÆ

Bernhauer & Schubert 10, 14; Casey 93, 16; Duvivier 83; Eichelbaum 09

MICROPEPLINÆ

Micropeplus Latr. 09–377
3283. brunneus Mäkl. 52–326 Alas. Cal.
84. cribratus Lec. 63–60 Ga.
85. laticollis Mäkl. 53–199 Alas. Alb.
86. marietti Duv. 59–82 B.C. Alas.
87. obliquus Lec. 77–252 B.C.
88. punctatus Lec. 63–26 Alas. So.Cal.
costatus ‡ Mäkl. 52–325

Micropeplus Latr.
3289. sculptus Lec. 63–60 Ga.
90. tesserulus Curtis 40–204 Eur.&N.Am. N.Mex.
costatus Lec. 50–221 L.Sup. Cal. Alas.

Kalissus Lec. 74–50
3291. nitidus Lec. 74–51 Vanc.

OXYTELINÆ

PIESTINI

Trigonuri

Trigonurus Muls. & Rey 47–515
3292. caelatus Lec. 74–48 Cal.
93. crotchi Lec. 74–48 Cal. Vanc.
94. edwardsi Sharp 75–205 Cal. So.Cal.
95. lecontei Sharp 75–205 Cal.
96. rugosus Sharp 75–204 Cal.

Trigonurus Muls. & Rey
3297. subcostatus Mäkl. 52–320 Alas.

Piesti

Siagonium Kby. 15–1
(*Prognatha* Latr. 29–439)
3298. americanum Melsh. 46–42 Pa. Ga. Nfld.
convergens Sachse 52–147

Siagonium Kby.
3299. punctatum Lec. 66–376 Pa. Ariz.

Hypotelus Er. 40–840
3300. capito Lec. 80–181 B.C. Tex.
01. hostilis Fauv. 65–43 Fla. Mex.

Piestus Grav. 06–223
3302. extimus Sharp 87–713 Mex. Ariz.
03. erythropus Er. 40–834 (La.?) Mex. W.I.

Eleusii

Eumalus Sharp 87–732
3304. nigrella (Lec.) 63–59 Cal.
a. canadensis (Horn) 71–299 Ont. Ohio.

Triga Fauv. 77–183
3305. picipennis (Lec.) 63–59 Kan. Que. Mass. N.H. Ohio.

Eleusis Cast. 35–131
(*Isomalus* Er. 40–838)
3306. humilis Er. 40–839 Cal.
fasciata Lec. 63–59 Ariz.

Eleusis Cast.
3307. pallida Lec. 63–58 Pa. Ia. Col. N.Y. D.C.

Lispini

Ancæus Fauv. 65–60
(*Holotrochus* (pars) Sharp (76–387)
3308. exiguus (Er.) 40–830 Cosm. Ind.
rufescens (Lec.) 63–59 Fla.

Lispinus Er. 40–828
3309. æquipunctatus Lec. 68–50 N.Mex.
10. californicus Lec. 63–59 So.Cal.
11. linearis Er. 40–829 N.Am.So.Cal.
12. prolixus Lec. 77–250 N.Y.
13. tenellus Er. 40–830 N.Am. Fla.
tenuis Lec. 63–60 Fla.

Thoracophori

Thoracophorus Motš. 37–98
(*Glyptoma* Er. 40–908)
3314. brevicristatus Horn 71–332 N.Am.
15. costalis Er. 40–909 N.Am. Ind. Fla. So.Cal. Conn.

PSEUDOPSINI

Pseudopsis Newn. 34–313
3316. detrita Fall 02–226 So.Cal.
17. minuta Fall 02–226 So.Cal.
18. obliterata Lec. 79–511 Colo.So.Cal.

Pseudopsis Newn.
3319. sulcata Newn. 34–314 Eur.&N.Am.
columbica Fauv. 66–11 Can.Mich. L.Sup.

PHLOEOCHARINI

Olisthærus Heer 42–183
3320. megacephalus (Zett.) 28–56 Eur.&N.Am.
laticeps Lec. 50–219 Can. Cal.Alas.

Olisthærus Heer
3321. nitidus Lec. 50–219 Can.Mass.Ct.
substriatus Gyll. ‡ 28–233 Eur. Sib.

PROTEININI

Proteinus Latr. 96–9
(*Protinus* ‡ auct.)
3322. atomarius Er. 40–904 Eur.
parvulus Lec. 63–58 Can. L.Sup.
23. basalis Mäkl. 52–324 Alas. [Mass.
24. limbatus Mäkl. 52–323 Eur. Alas. N.H.
a. mäklini Fauv. 68–494 Alas. Cal.Nev.
25. salebrosus Csy. 85–323 Cal.
26. sulcatus Fauv. 77–195 Cal.
27. brachypterus(Fab.)92–235 Eur.&N.Am. Alas.

Proteinus Latr.
3328. densipennis Bnhr. 12–678 Cal.

Megarthrus Steph. 32–330
3329. atratus Mäkl. 52–325 Alas.
30. excisus Lec. 63–58 Can.
31. sinuatocollis Boisd. 35–493 Eur.&N.Am.
angulicollis Mäkl. 52–325 Alas. Colo. W.Va.
32. americanus Sachse 52–149 N.Am. Ind.
33. pictus Mots. 45–39 Alas.

OMALIINIÆ

Tanyrhinus Mann. 52–349
3334. singularis Mann. 52–349 Alas. Cal.

Trigonodemus Lec. 63–57
(*Arimimelus* Kr. 77–105)
3335. striatus Lec. 63–57 N.Am. Pa.

Anthobium Steph. 32–335
3336. atriventre Csy. 93–431 So.Cal.
37. aurifluum Fauv. 77–201 Cal.
38. californicum Fauv. 77–199 Cal.
39. convexum Fauv. 77–201 E.St.Ind. Conn.
40. diversicolle Csy. 93–428 Cal. Nev. Ut.
41. fimetarium Er. 40–899 Alas.

Anthobium Steph.
3342. fraternum Csy. 93–432 No.Cal.
43. gilvipenne Csy. 93–428 Cal.
44. horni Fauv. 77–202 Ind. Mo. Ga.
45. marginatum Say 34–463 Mo. River.
46 nigerrimum Csy. 93–427 So.Cal.
47. pothos Mann. 43–235 Nfld.
dimidiatum Melsh. 46–43
48. punctatum Csy. 93–429 Cal.
49. rugulosum Mäkl. 53–199 Alas.
50. segmentarium Mäkl. 52–322 Alas.
51. orientale Bnhr. 12–678 N.H. Mass.
?sorhi Gyll. 28–206 Greenland, Eur.&N.Am.?
52. subangulatum Csy. 93–430 Cal.
53. tibiale Csy. 93–429 Ariz.

Acrulia Thoms. 61–199
3354. tumidula (Mäkl.) 53–199 Alas. Wash.

Pycnoglypta Thoms. 61–198
3355. lurida (Gyll.) 28–701 Eur.&N.Am. B.C.Mass. N.C.

Phyllodrepa Thoms. 60–52
(*Phyllodrepa* Thoms. s. str.)
3356. atra (Csy.) 93–420 Cal.
57. cacti Sz. 99–9 Ariz.
58. casevi Bnhr. 10–46 Cal.
pacifica || (Csy.) 93–421 No.Cal.
59. punctiventris (Fauv.) 77–210 Pa. Mo.
60. strigipennis (Mäkl.) 52–320 Alas. So.Cal. [Sib.
(*Hapalarœa* Thoms. 60–50)
61. megarthroides (Fauv.) 78–44 Cal.-B.C.
62. pygmæa (Gyll.) 28–223 Eur.&N.Am.
ulmi Mots. 57–493
63. ?florale Payk. 89–67 Eur.&N.Am.
rufipes ‡ Fauv. 72–62 Or. Ind. Can. Pa.

Eunonia Csy. 04–313
3364. keeniana Csy. 04–314 B.C.

Haida Keen 97–285
3365. keeni Keen 97–285 Alas. Vanc.

Omalium Grav. 02–111
(*Homalium* ‡ auct)
(*Omaliam* s. str. Luze 06–505)
3366. algarum Csy. 85–316 Cal.
fucicola || Csy. 85–285
67. alutaceum Fauv. 77–207 So.Cal.
68. caesum Grav. 06–209 Eur.&Cal.
corticinum Mots. 57–492
69. callosum Mäkl. 52–323 Alas.
70. capito Csy. 93–423 Wis.
71. cribrum Fauv. 77–216 Ks. Tex. Ga.
72. diffusum Fauv. 77–207 L.Sup.
73. exsculptum Mäkl. 52–321 N.W.Am.Cal.
74. flavidum Ham. 96–347 Pa.
75. flavipenne Mäkl. 53–198 Alas.
76. foraminosum Mäkl. 52–321 Alas.-Fla. Sib.
77. fractum Fauv. 77–212 Cal. Ind.
78. hamatum Fauv. 77–209 Mich. Ind.
79. humerosum Fauv. 77–209 Mich. [Man.
80. humile Mäkl. 53–197 Alas. So.Cal.
81. lacustre Csy. 93–422 Mich.
82. longulum Mäkl. 52–323 Alas.
83. oxyacanthæ Grav. 06–210 Eur.&N.Am.
84. plagiatum Mann. 43–235 Alas. So.Cal.
85. quadripenne Csy. 93–425 Va.
86. repandum Er. 40–878 Ind. Fla. So.Cal.
87. rivulare (Payk.) 89–65 Eur.&N.Am.
88. rugipenne Csy. 85–317 Cal. [Cal.
89. texanum Fauv. 77–213 Tex.
90. thevenetti Fauv. 77–218 So.Cal.
91. excavatum Steph. 32–355 Greenland.
(*Xylodromus* ?auct.)
92. concinnum Marsh. 02–540 Greenland.

Phloeonomus Heer 38–184
(*Phloeostiba* Thoms. 61–208)
(*Distemmus* Lec. 62–69)

Phloeonomus Heer
3393. lapponicus Zett. 38–73 Eur.&N.Am. (Arc.)
argus Lec. 50–22 Colo. Alas. Lab. Nfld. [Man.
(*Phlœonomus* s. str.)
94. pusillus Grav. 06–205 Eur.&N.Am.? Alas. Colo.
95. suffusus Csy. 93–424 Alas.

Micralymma Westw. 38–129
(*Microlymma* G.& H. 69–663)
3396. brevilingue Schiödte 44–370 Greenland.
97. marinum Stroem 85– Greenland.
98. stimpsoni Lec. 63–57 Me.

Porrhodites Kr. 58–961
3399. fenestralis (Zett.) 28–50 Eur.&N.Am. Alas. Colo. [Mich.

Orochares Kr. 58–955
3400. angustatus (Er.) 40–874 Eur.&N.Am. Mass.

Deliphrum Er. 39–627
3401. æquicolle Csy. 93–419 Cal.
02. expansum Lec. 75–510 Colo.
03. occiduum Csy. 93–420 No.Cal.

Lathrimæum Er. 39–624
3404. atrocephalum Gyll. 27–463 Eur.&Cal. Alas.
05. humerale Csy. 86–243 No.Cal.
?subcostatum Mäkl. So.Cal.
06. pictum Fauv. 77–233 Cal.
07. fimetarium Mann. 30–72 Alas.
08. nigropiceum Csy. 93–417 Cal.
09. reflexicolle Csy. 93–417 B.C.
10. spretum Csy. 93–418 No.Cal.
11. sordidum Er. 40–871 Va.
?marginatum Kby. 37–89

Olophrum Er. 39–622)
(*Lathrium* Lec. 50–221)
3412. obtectum Er. 40–865 Ind. Mich.
rotundicolle Say nec Sahlb. [Conn.
13. rotundicolle (Sahlb.) 17–281 Eur.&N.Am.
convexicolle Lec. 50–21 [L.Sup.Man.
14. convexum Mäkl. 53–195 Alas.
15. marginatum Mäkl. 53–196 Alas.
16. fuscum Grav. 06–211 Eur.&N.Am.
latum Mäkl. 53–194 [Alas.
17. parvulum Mäkl. 53–195 Alas.

Arpedium Er. 39–618
3418. quadrum (Grav.) 06–213 Eur.&N.Am. N.H. Mass.
19. cribratum Fauv. 77–225 Ind.
20. schwarzi Fauv. 77–225 Ohio, Ind.
21. angulare Fauv. 77–226
22. tenue Lec. 63–55 Eur.&N.Am. L.Sup. B.C.
23. brachypterum (Grav.) 02–114 Eur.&N.Am.
gyllenhali (Sahlb.) 17–286 [Lab. L.Sup.
?brunnescens Sahlb. 70–423 [N.H.

Acidota Mann. 30–55
3424. crenata (Fab.) 92–525 Eur. Man. Mich. Can.
seriata Lec. 63–55 [Mass.
25. subcarinata Er. 40–863 N.Am. Ind.

Acidota Mann.
3426. quadrata Zett. 38–53 Lab. Eur.& N.Am. Alas.-
patruelis Lec. 63–56 [N.H.

Amphichroum Kr. 58–947
(*Stachygraphis* Horn 82–285)
3427. floribundum Lec. 63–56 So.Cal.
28. flavicorne Csy. 86–235 Cal.
29. maculatum (Horn) 82–285 Cal.
30. maculicolle Mann. 43–234 Alas.

Paralesteva Csy. 05–164
(*Pseudolesteva* Csy. 93–398)
(*Lesteva* ‡ auct. nec Latr.)
3431. pallipes (Lec.) 63–55 Ind. Can.-
biguttula (Lec.) 63–55 [Ala. Nfld.
picescens (Lec.) 63–55

Tevales Csy. 93–398
3432. cribratulus Csy. 93–399 Pa.

Unamis Csy. 93–398
3433. truncata (Csy.) 85–322 Cal.

Artochia Csy. 93–398
3434. productifrons Csy. 93–401 Cal.

Vellica Csy. 85–321
3435. longipennis Csy. 85–431 Cal.

Tilea Fauv. 77–246
(*Phlæopterus* Mots. 52–78)
3436. fusconigra (Mots.) 52–78 Alas.
37. cavicollis Fauv. 77–246 B.C. Cal.
38. longipalpus (Csy.) 85–318 Cal.
39. rufitarsis Csy. 93–403 No. Cal.
40. filicornis (Csy.) 85–318 Cal.
41. brevipennis Csy. 93–404 Wy.
42. castanea Csy. 93–404 Colo.

Orobanus Lec. 78–453
3443. simulator Lec. 78–453 Colo. Vanc.
44. rufipes Csy. 86–245 No.Cal. So.Cal.
45. densus Csy. 86–246 So.Cal.

Micrœdus Lec. 74–273
(*Mieraedus* ‡ auct.)
3446. austinianus Lec. 74–273 Nfld.

Micrœdus Lec.
3447. laticollis (Mann.) 43–234 Alas.

Pelecomalium Csy. 86–241
3448. testaceum (Mann.) 43–234 Alas.
49. binotatum Csy. 86–242 Cal.
50. sparsum (Fauv.) 77–237 Cal.
51. pilosellum Csy. 86–237 Cal.
52. scutatum (Fauv.) 77–238 Cal.
53. puberulum (Fauv.) 77–240 Cal. So.Cal.
54. flavescens Csy. 93–414 Cal.
55. lævicolle (Lec.) 66–375 Pa.
56. opaculum (Fauv.) 77–241 Cal.
57. veterator Csy. 86–238 Cal.
♂ modestum Csy. 86–242
58. crassicorne Csy. 86–239 Cal.
59. pallidum Csy. 93–415 Cal. Nev.
60. alutaceum Csy. 86–236 Cal.

Geodromicus Redt. 58–224
(*Anthophagus* ‡ auct. nec Grav. 02–120)
3461. brunneus (Say) 23–158 E.St. Ind.
cæsus Er. 40–853
62. strictus Fauv. 89–126 Ind. Mass.-Mich. Nfld.
nigrita ‡ Fauv. 78–90 nec Müll.
63. fauveli Csy. 93–408 Or.
64. plagiatus (Fab.) 98–180 Eur.&N.Am.
ovipennis Lec. 77–452 [Ut. N.Y. Ga.
verticalis (Say) 34–463
65. nubilatus Csy. 93–408 N.Mex.
66. debilis Csy. 93–409 Colo.
67. temporalis Csy. 93–410 Cal.
68. humboldtianus Csy.93–411 No.Cal.
69. integer Csy. 93–412 Wash.

Eudectus Redt. 58–245
3470. crassicornis Lec. 85–4 La.

Ephelinus Ckll. 06–241
(*Ephelis* || Fauv. 77–219)
3471. guttatus (Lec.) 63–58 Fla.
72. notatus (Lec.) 63–58 Pa.Ind.
73. pallidus (Lec.) 63–57 Kan.

Boreaphilus Sahlb. 34–433
3474. americanus Notman 18–188 N.J.

Renardia Mots. 65–583
3474½. jubilosa Mots. 65–584 N.Y.

OXYTELINI

Coprophili

Syntomium Curtis 28–228
3475. confragosum Mäkl. 52–319 Alas.

Deleaster Er. 39–610
3476. concolor Lec. 66–375 Cal. Vanc.
77. trimaculatus Fall 10–115 Colo.

Zalobius Lec. 74–49
3478. serricollis Lec. 75–170 So.Cal.
79. spinicollis Lec. 74–49 Vanc.-Cal.

Asemobius Horn. 95–238
3480. caelatus Horn 95–238 Cal.

Coprophilus Latr. 29–439
3481. striatulus (Fab.) 92–529 Eur.&N.Am. Can.

Oxyteli

Ancyrophorus Kr. 58–886
(*?Ochthephilus* Rey 56–1)
3482. biimpressus (Mäkl.)52–319 Alas.Eur.Nfld.
83. planus Lec. 66–26 L.Sup. So.Cal.

Trogophlœus Mann. 30–49
(*Carpalimus*,Steph. 32–324)
3484. caloderinus Lec. 77–246 Tex.
85. arcifer Lec. 77–245 Tex. Fla. Ind.
86. americanus Bnhr. 11–95 Ky. Va.
anthracinus ‡ Csy. 89–330
87. corvinus Csy. 89–331 Mass.
(*Trogophlœus* s. str.)
88. dentiger Csy. 89–333 Ariz. So.Cal.
89. fulvipes Er. 40–804 Fla. No.& So.
texanus Csy. 89–334 Tex. [Am.

Trogophlœus Mann.

3490. armatus Csy. 89–335 Cal.
91. gilæ Csy. 89–335 Ariz. So.Cal.
92. prominens Csy. 89–336 So.Cal.
93. pacificus Csy. 89–337 So.Cal.
94. arizonæ Csy. 89–338 Ariz.
95. occiduus Csy. 89–339 Cal.
96. bilineatus Steph. 32–324 Eur.&N.Am.
riparius Lac. 35–467 [Vanc.-Mass.
97. memnonius Er. 40–806 Ind. Fla.
98. quadripunctatus (Say) 34–459 Pa.N.Y.L.I. Ind. Fla.
laticollis Lec. 63–55 Fla.?
99. conjunctus Csy. 89–342 Or.
3500. morio Er. 40–805 Pa.Mich.Kan. N.Y.
01. rivularis Mots. 60–552 Eur.&N.Am.
spretus Csy. 89–343 Pa. Md. N.C.
02. apacheanus Csy. 89–344 Ariz.
03. obesus Kies. 44–375 Eur.&N.Am.
fossulatus Mots. 57–505
mancus Csy. 89–345 Tex.
memnonius Fauv. 72–151
spectatus Csy. 89–345 Fla.
tarsalis Hochh. 49–196
04. imbellis Csy. 89–346 Iowa.
05. lepidus Csy. 89–347 Iowa.
06. diffusus Csy. 89–350 So.Cal.
07. lapsus Csy. 89–350 Cal.
08. phlœoporinus Lec. 77–246 Ill. Ia.
09. poseyensis Blatch. 10–471 Ind.
10. egregius Csy. 89–352 R.I.
11. lithocharinus Lec. 77–245 Cal.
12. obliquus Csy. 89–353 Cal.
13. sculptilis Csy. 89–354 Cal.
14. difficilis Csy. 89–354 N.C. Md.
15. congener Csy. 89–355 Pa.
16. corticinus (Grav.) 06–192 Eur.&N.Am.
a. fulvipennis Fauv. 63–440 Tex.-Mass.
17. agonus Csy. 89–356 Tenn.Ind.Fla?
18. temporalis Csy. 89–357 N.Y. Mass.
19. probus Csy. 89–358 N.C.
20. nanulus Csy. 89–358 Tex. N.J.
21. modestus Csy. 89–359 Tex.
22. brachypterus (Lec.) 77–240 Mich.
23. pertennis Csy. 89–360 Tex.
24. detractus Csy. 89–361 Iowa.
25. subtilis Er. 39–606 Eur.&N.Am.
indigens Csy. 89–362 R.I. Pa.
26. gracilis Mann. 30–51 Mich. Eur.& N.Am. S.C.
27. graphicus Csy. 89–362 Mo.
28. ingens Csy. 89–363 Ia. Ill.
29. incertus Csy. 89–364 Tenn.
30. delicatus Csy. 89–365 Mich.Pa.Ind.
31. pudicus Csy. 89–368 N.J.
32. robustulus Csy. 89–369 N.Y.
33. confinis Csy. 89–369 So.Cal.
34. panperculus Csy. 89–370 So.Cal.
35. languidus Csy. 89–371 Tex.
36. bipuncticollis Csy. 89–372 Tex.
37. simplarius Lec. 77–244 C.I.
38. pallidulus Csy. 89–373 L.Sup.?
39. salicola Csy. 95–450 Ut.
40. convexulus Lec. 77–244 Kan. Fla.
41. debilis Csy. 89–374 So.Cal.
42. blediinus Lec. 77–244 So.Cal.
43. providus Csy. 89–376 N.J.
44. inquisitus Csy. 89–377 Tex.

Trogophlœus Mann.

3545. facetus Csy. 89–378 R.I
fallax Csy. 89–375 L.Sup.? ♀
46. confusus Csy. 89–378 N.J.
47. scrupulus Csy. 89–379 Tex.
48. fuliginosus (Grav.) 02–102 Mass. D.C.
49. insolitus Csy. 89–380 Cal. [Eur.
50. uniformis Lec. 77–244 Ga. Pa.
51. filum Csy. 89–381 So.Cal.
52. decoloratus Csy. 89–382 Pa.
53. pusillus (Grav.) 02–78 Eur.&N.Am.
tantillus Csy. 89–383 Tex.Ariz. So.Cal.
54. caseyi Bnhr. 04–23 Mich.
— phytosellis Fvl. mss. Fla.

Apocellus Er. 40–812

3555. bicolor Csy. 84–154 Neb.
56. sphæricollis (Say) 34–455 N.Am.-Guat.
amabilis (Sachse) 52–116 Fla. Ind. Ariz.
globosus Melsh. 46–30 [So.Cal.
longicornis (Sachse) 52–116
57. crassicornis Csy. 84–156 Colo.
58. niger Csy. 86–232 Tex.
59. gracilicornis Csy. 84–157 So.Cal. Ariz.
60. brevipennis Csy. 84–158 La. Tex.
61. analis Lec. 77–247 La.-So.Cal.
62. stilicoides Lec. 77–247 Fla. [Ariz.
63. cognatus Sharp 87–695 La.

Aploderus Steph. 32–321
(*Haploderus* Kr. 58–863)
(*Phlœonœus* Er. 39–597)

3564. linearis Lec. 63–55 Cal.-B.C.
65. trinifex Fall 10–114 So.Cal.
66. mimeticus Fall 10–115 So.Cal.
67. cephalotes Csy. 89–74 So.Cal.&S.F.
68. princeps Csy. 89–75 Cal. Nev.
69. flavipennis Csy. 89–76 So.Cal.&S.F.
70. annectens (Lec.) 77–242 Cal.

Oxytelus Grav. 02–101
(*Anotylus* Thoms. 61–130)

3571. sculptus Grav. 06–191 Fla. Cosmop. Ind. Ct. Sib.
moerens Melsh. 46–42 Can. Vanc. So.Cal.
72. insignitus Grav. 06–188 Ind.Fla. Conn.
americanus Mann. 30–48 N.Y. Tex.
pumilio Boh. 58–34 [Mex.
73. munitus Csy. 93–385 Pa.
74. breviceps Csy. 93–385 N.Y.
75. convergens Lec. 77–236 Fla. Ga.
76. laqueatus Marsh. 02–513 Eur.&N.Am.
fuscipennis Mann. 43–233 Alas. Nfld.
?fuscipennis || Lec. nec Mann Kan. Ill. Pa.
77. nimius Csy. 93–388 Pa.
78. montanus Csy. 93–388 Cal.
79. invenustus Csy. 93–389 Md.
80. pennsylvanicus Er. 40–792 E.St.Ind N.Y. Guat.
81. incolumis Er. 40–791 So. St. Fla.
82. rugosus (Fab.) 75–267 Eur.&N.Am.
basalis Melsh. 46–41 Fla.La.Or. Nfld.
83. niger Lec. 77–235 Cal. B.C. Man.
84. placusinus Lec. 77–237 D.C. Ind.

Oxytelus Grav.

3585. densus Csy. 93–393 Tex. Md.
86. alpicola Csy. 93–394 Colo.
87. nitidulus Grav. 02–107 Eur.&N.Am.
punctatus Lec. 77–236 [Vanc.-Mass.
88. rugulosus Say 34–460 U.S.&Mex.
carbonellus Solsky 67–266
89. suspectus Csy. 93–395 Ind.N.Y.N.C.
nitidulus Lec. nec Grav. [Man.Neb.
90. sobrinus Lec. 77–237 So.Cal.S.W.
91. vegrandis Csy. 93–396 Cal. [Ut.
92. nanus Er. 40–797 Tex.N.Y.Fla.
L.Sup.
93. exiguus Er. 40–798 Ind. Fla.
parvulus Melsh. 46–41
pygmæus Melsh. 46–41
94. minimus Er. 40–798 B.C.
95. tetracarinatus (Block) 99–116
Eur.&N.Am.
depressus Grav. 02–103 [Ind.

Platystethus Mann. 30–46

3596. americanus Er. 40–784 Conn.-Mex.
Ariz. So.Cal.
97. spiculus Er. 40–784 So.Am. Tex.

Bledius Mann. 30–44

3598. gularis Lec. 77–218
99. pallipennis (Say) 23–155
mandibularis Er. 40–765 Fla. Conn.
3600. fortis Lec. 77–219 Tex.
01. brevidens Lec. 77–219 N.Y. Fla.
02. ferratus Lec. 77–220 So.Cal.
03. jacobinus Lec. 77–220 So.Cal.
04. strenuus Csy. 89–44 Cal.
armatus Lec. 63–51 nec Say
05. arizonensis Fall 10–103 Ariz.
06. furtivus Csy. 89–45 Or.
07. fenyesi Bnhr. 11–129 Cal.
lecontei || Bnhr. 05–14
cribricollis ‡ Lec. 77–221
08. monstratus Csy. 89–46 Cal.
09. eximius Csy. 89–47 So.Cal.
10. gradatus Fall 10–104 Cal.
11. cuspidatus Lec. 77–394 Dak.
12. armatus Say 23–155 Neb. N.Mex.
13. agonus Csy. 89–48 Ut.
14. ineptus Csy. 89–48 N.Mex.Tex.
15. politus Er. 40–766 S.C. Fla.
16. episcopalis Fall 10–104 Cal.
17. flavipennis Lec. 63–52 So.Cal.Ariz.
18. lectus Csy. 89–49 Cal.
19. consimilis Fall 10–105 N.Mex.
20. tenuis Csy. 89–50 Nev.
21. turgidus Csy. 89–52 Colo.
22. semiferrugineus Lec. 63–52 Fla.
23. pbiladelphicus Fall 19–26
dissimilis || Fall 10–107 Pa.
24. rotundicollis Lec. 77–223 Neb.
25. fumatus Lec. 63–52 Ind. Fla.
26. foraminosus Csy. 89–53 Cal.
27. deceptivus Fall 02–227 So.Cal.
28. relictus Fall 02–228 So.Cal.
29. nitidiceps Lec. 77–224 So.Cal.
30. opacifrons Lec. 77–224 So.Cal.
31. rubiginosus Er. 40–765 S.C.
32. gravidus Csy. 89–54 N.Mex.
33. tallaci Fall 10–106 Cal.
34. specularis Fall 10–109 Cal.
35. regularis Fall 10–109 Cal.

Bledius Mann.

3636. analis Lec. 63–52 Ill. Ind. Mo.
Mon.
37. nitidicollis Lec. 63–52 N.Y.
38. assimilis Csy. 89–55 Ill. Ia.
39. piceus Fall 10–108 Cal.
40. punctatissimus Lec. 77–226 So.Cal.(Fla.?)
41. villosus Csy. 89–57 Cal.
42. laticollis Lec. 77–227 So.Cal.
43. opacus Block 99–117 Eur.&N.Am.
Ia. N.Y.
44. borealis Blatch. 10–465 Ind.
45. nebulosus Csy. 89–57 Iowa.
46. longipennis Mäkl. 52–318 Alas.
47. luteipennis Lec. 77–227 So.Cal.
48. rusticus Fall 02–229 So.Cal.
49. monticola Csy. 89–58 Cal.
50. mysticus Fall 10–111 Wash. Mont.
51. sinuatus Lec. 77–228 Can. Ill.
52. gentilis Csy. 89–59 Cal.
53. persimilis Fall 10–110 Cal.
54. gracilis Csy. 89–60 Cal.
55. annularis Lec. 63–53 Ind.Pa.Ill.Ia.
56. stabilis Csy. 89–61 Pa. Ind.
57. confusus Lec. 77–228 L.Sup. Ind.
58. adustus Csy. 89–62 Colo.
59. apicalis Fall 10–112 Cal.
60. ruficornis Lec. 63–53 So.Cal.
61. transitus Fall 19–26
fratellus || Fall 10–112 Cal.
62. languidus Csy. 89–63 Or.
63. bicolor Csy. 89–64 Cal.
64. divisus Lec. 63–53 Can.
65. pleuralis Lec. 77–229 So.Cal. Ariz.
66. diagonalis Lec. 63–52 So.Cal.
67. parvicollis Csy. 89–65 Cal.
68. tau Lec. 77–230 N.Y. Nfld.
69. ornatus Lec. 63–53 So.Cal.
70. albonotatus Mäkl. 53–193 Alas.
71. suturalis Lec. 63–54 Cal.
72. medialis Fall 10–113 Vanc.
73. clarus Fall 02–228 So.Cal.
74. phytosinus Lec. 77–231 So.Cal.
lecontei Duviv. 83–187
75. cognatus Lec. 77–231 Tex. So.C.
76. emarginatus Say 34–461 Ind. Fla. N.Y.
troglodytes Er. 40–774
77. honestus Csy. 89–66 N.Y.
78. dimidiatus Lec. 77–232 Fla.
79. basalis Lec. 63–54 N.Y. Fla.
80. confinis Fall 10–114 Tex.
81. ignavus Csy. 89–67 R.I.
82. misellus Csy. 89–68 Tex.
83. neglectus Csy. 89–69 R.I.
84. turbulentus Csy. 89–70 Fla.
85. opaculus Lec. 63–54 Me.
86. cordatus Say 34–461 Va. Ind. Fla.
87. forcipatus Lec. 63–54 So.Cal.
— albidipennis Bnhr. 12–171 So.Cal.
— cribricollis Heer 38–210 Eur.&N.Am.
— fasciatus (Say) 23–156 Mo. [So.Cal.?
— fracticornis Payk. 90–17 Windsor, N.Y.
— melanocephalus(Say)23–156 Mo.
— rufipennis Er. 40–770

Thinobii

Thinobius Kies. 44–355
(*Thinophilus* Muls. & Rey 79–322)

3688. oxytelinus Lec. 77–240 No.&So.Cal.
89. pallidicornis Csy. 89–80 Tex.

Thinobius Kies.

3690. flavicornis Lec. 77–240 N.Y. L.I.
91. grossulus Csy. 89–81 N.Y.
92. macropterus Lec. 77–241 Cal.
93. sonomæ Csy. 89–83 Cal.
94. fimbriatus Lec. 77–240 Mich.
95. hesperius Csy. 89–84 So.Cal. Ariz.
96. pygmæus Csy. 89–85 Nev.
97. antennarius Fauv. 77–261 Tex.

Thinobius Kies.

3698. pallidus Csy. 89–86 Tex.
99. gracilicornis Csy. 89–87 Cal.
3700. crassicornis Csy. 89–87 Tex.
01. validus Csy. 89–88 Cal.

(*Thinobius* s. str.)

02. delicatulus Kr. 58–884 Eur.&N.Am.

OSORIINI

Holotrochus Er. 40–757

3703. brachypterus Fauv. 05–136 Fla. S.C.
minor Lec. 77–216 nec Fauv.
04. lævicauda Lec. 66–376 Ind. Ill. La. N.Mex.

Osorius Latr. 29–438
(*Molosoma* Say 34–462)

3705. latipes (Grav.) 06–198 Ind. Fla.
06. planifrons Lec. 77–215 Ind. Fla.
07. politus Lec. 77–215 Fla.

MEGALOPSIDIINI

Megalopsidia Leng 18–204
(*Megalops* || Er. 40–751)

3708. cælatus (Grav.) 02–197 Ind. Fla.

Megalopsidia Leng

3709. rufipes Lec. 63–51 Ga. Ind. Fla.

STENINÆ

STENINI

Stenus Latr. 96–77
(*Stenus* s. str.)

3710. punctiger Csy. 84–13 Colo.
11. bipunctatus Er. 39–530 Ind. Eur.& N.Am. Ind. Pa. O.
comma Lec. 63–50 [B.C. Wash.
12. colon Say 34–458 Ind. Mich. D.C.Va.S.St.
13. renifer Lec. 63–50 So.Cal. Tex. Ariz.
14. semicolon Lec. 63–50 Mich. D.C.
15. gemmeus Csy. 84–18 Ga. [S.St.
16. bilentigatus Csy. 84–19 Va.

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17. sculptilis Csy. 84–22 So.Cal. Nev. Cal. Wash.
18. laccophilus Csy. 84–23 Ont.
19. juno (Fab.) 01–602 Eur.&N.Am. Nfld.Ind.Tex. Can.Wash. Vanc. Mass. Mich.
20 verticosus Csy. 84–25 Vanc. Wash.
21. tristis Csy. 84–27 Cal.
22. austini Csy. 84–28 N.H. L.Sup.
23. ranops Csy. 84–29 S.St. [B.C.
24. delawarensis Csy. 84–30 M.St.
25. sectator Csy. 84–31 Wash.
26. zunicus Csy. 84–32 Ariz. So.Cal.
27. femoratus Say 34–459 D.C. Ont. Mich.Ill.Ind.
28. similiatus Blatch. 10–404 Ind. [Man.
29. tacomæ Csy. 84–34 Wash.

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30. strangulatus Csy. 84–39 Ind. N.Y.
31. tenuis Csy. 84–40 Ont. [Mich.
difficilis Csy. 84–41 Ont. Mass.
32. angustus Csy. 84–40 Ont. Mass.
33. pettiti Csy. 84–42 Ont. M. St.
34. scrupeus Csy. 84–43 Ont. L.Sup.
35. intrusus Csy. 84–44 Mass. Mich. Can.

Stenus Latr.

3736. erythropus Melsh. 46–40 Ind.Pa.Mich.
37. rugifer Csy. 84–47 Colo. [Mass.
anastomozans Csy. 84–48 N.H.
38. shoshonis Csy. 84–49 Wash.
39. vexatus Csy. 84–51 Wash.
insularis Csy. 84–50 Vanc. Alás.
40. schwarzi Csy. 84–52 Mass.
41. pauper Csy. 84–53 Mass.
42. subtilis Csy. 84–54 Mich.
43. indigens Csy. 84–55 Mass.
44. simplex Csy. 84–56 Or.
45. vicinus Csy. 84–57 Pa.D.C.Ala.
46. ingratus Csy. 84–58 Mich.
47. neglectus Csy. 84–59 Mass. Ont. Ill. Neb.
48. vespertinus Csy. 84–61 Wash.
49. scabiosus Csy. 84–60 Ind. L.Sup.
50. convictor Csy. 84–62 Wash.
51. deductor Csy. 84–204 Mich.
confusus || Csy. 84–63
52. inornatus Csy. 84–64 Mass. L.Sup.
53. placidus Csy. 84–65 Mich.
tumicollis Csy. 84–100 Mich.
54. mendax Csy. 84–66 Mass.
55. eriensis Csy. 84–67 Mich.
56. sphærops Csy. 84–68 Mass.
57. militaris Csy. 84–69 L.Sup.
58. pluto Csy. 84–70 Mass.
59. incultus Csy. 84–71 Ariz. So.Cal.
60. corvus Csy. 84–72 B.C. Cal. Man.
61. maritimus Mots. 45–356 Alas. Vanc.
62. montanus Csy. 84–74 N.H.
63. alpicola Fauv. 72–236 Eur.&N.Am. Man.
sibiricus J. Sahlb. 80–79 Colo. B.C.

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64. costalis Csy. 84–77 Nev. So.Cal.
65. alveolatus Csy. 84–78 Nev. So.Cal.
66. ellipticus Csy. 84–79 Cal.
67. adelops Csy. 84–80 No.Cal.
68. luctuosus Csy. 84–81 Cal.Nev.B.C.

Stenus Latr.

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3769. nanus Steph. 32–300 Eur.&N.Am.
pusio Csy. 84–82 Mass. Can.
a. nanulus Csy. 84–83 B.C. [L.Sup.
70. pumilio Er. 39–558 Eur.&N.Am.
atomarius Csy. 84–84 Mass. Mich.

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71. virginiæ Csy. 84–87 Va.
72. texanus Csy. 84–88 Tex.
73. venustus Csy. 84–89 ?
74. occidentalis Csy. 84–90 B.C.
75. pacificus Csy. 84–91 So.Cal.
76. obstrusus Csy. 84–92 N.Y. N.J.
77. arizonæ Csy. 84–93 Ariz. Tex.
78. integer Csy. 84–94 Mass.
79. floridanus Csy. 84–95 Fla.
80. colonus Er. 40–699 Ind L.Sup.
Fla. Ariz. Cal.
81. suspectus Blatch. 10–408 Ind. [Conn.
82. humilis Er. 39–554 Eur.&N.Am.
Man.
mammops Csy. 84–97 Ind.Mass.-
83. gravidus Csy. 84–98 Mass. [B.C.
84. animatus Csy. 84–99 L.Sup.
85. carinicollis Csy. 84–101 Mich.
86. insignis Csy. 84–102 So.Cal.

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87. stygicus Say 34–458 Ind. Mass.
L.Sup. Ala.
Conn. Nfld?
?cinerascens Er. 39–539 Eur. Japan.
88. egenus Er. 40–698 Ind. Mich.
Kan. Pa.

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89. dolosus Csy. 84–108 Colo.
90. villosus Csy. 84–109 Cal.
jejunus Csy. 84–112 B.C.
91. sectilifer Csy. 84–110 D.C. Fla.
milleporus Csy. 84–111 N.Y. Ga. Fla.
92. vinnulus Csy. 84–112 Mass.-Mich.
Man.
93. canaliculatus Gyll. 27–501 Mass.-Mich.
congener Mäkl. 53–192 Eur. Alas.
94. carolinæ Csy. 84–116 Ala. Fla.
95. argus Grav. 06–231 Ind. Eur.&
N.Am.
ageus Csy. 84–116 Mass.
rigidus Csy. 84–119 Mass.
96. pudicus Csy. 84–117 L.Sup.
97. minor Csy. 84–118 Mich.
98. incertus Csy. 84–120 Neb.
99. parallelus Csy. 84–121 Mass.
3800. noctivagus Csy. 84–121 N.H.
01. luculentus Csy. 84–122 Cal.
02. juvencus Csy. 84–123 Mich. Ind.
03. pauperculus Csy. 84–124 ?Mich.
brumalis Csy. 84–131 Mich.
04. morio Grav. 06–230 Ind. Eur.&
enodis Csy. 84–126 Colo. [N.Am.
haplus Csy. 84–125 Mich.
indistinctus Csy. 84–130 Mich.
subgriseus Csy. 84–127 Cal. B.C.
05. dives Csy. 84–127 No.Cal.
06. terricola Csy. 84–128 Nev. So.Cal.
07. mundulus Csy. 84–129 Wash.
08. tuberculatus Csy. 84–129 Fla.

(*Tesnus* Rey 83–183)

09. gratiosus Csy. 84–133 Mich.
hirsutus Csy. 84–137 Mich.

Stenus Latr.

3810. monticola Csy. 84–134 N.H.
11. curtus Csy. 84–135 Mich.
12. alacer Csy. 84–135 Ind. Fla. Ariz.
13. vestalis Csy. 84–138 So.Cal. [Ill.
14. tahoensis Csy. 84–139 Nev.
15. nimbosus Csy. 84–139 Colo.
16. pugetensis Csy. 84–140 Wash.
17. vacuus Csy. 84–141 Cal.
18. amicus Csy. 84–142 Colo.
19. californicus Csy. 84–145 Nev. So.Cal.
20. fraternus (Csy.) 84–155 B.C. Wy.
umbratilis (Csy.) 84–156 B.C. [L.Sup.
21. retrusus Csy. 84–154 B.C. Vanc.

(*Mutinus* Csy. 84–146)

22. gilæ Csy. 84–146 Ariz. So.Cal.
23. dispar Csy. 84–147 Mass.-Tex.
— carinicepsMäkl. 52–317 Alas.
— immarginatusMäkl.53–192 Alas.
— parallelopipedus Mots. 52–317 Alas.
— insularis || Sahlb. 85–53 Sib. Japan.
— adspector Mäkl. 52–316 Alas.
— chalybæus Boh. 58–33 (Cal.?)

(*Hypostenus* Rey 83–183)
(*Areus* Csy. 84–150 ex parte)

24. advena Csy. 84–158 L.Sup.
25. europs Csy. 84–160 Md. Va.
26. megalops Csy. 84–161 Fla.
27. lugens Csy. 84–161 Mass.
28. plicipennis Csy. 84–162 Vanc. B.C.
29. agnatus Csy. 84–163 B.C.
30. sayi Csy. 84–164 So.Cal.
31. amabilis Csy. 84–166 Del.
32. flavicornis Er. 40–733 Mass. Mich.
geniculatus || Say 34–458 Ind. [Conn.
33. annularis Er. 40–735 Ind. Mass.
Neb. So. St.
34. perforatus Csy. 84–169 Ariz. [Conn.
35. nitescens Csy. 84–170 Fla.
36. pollens Csy. 84–171 Wash. Cal.
patens Csy. 84–172 Colo.
37. tarsalis Ljungh 04–157 Eur.&N.Am.
Nfld.
reconditus Csy. 84–173 Mass. Mich.
propinquus Csy. 84–174 N.H. [Ia.
38. canadensis Csy. 84–175 Ind. Ont.
No.Ill.
39. pinguis Csy. 84–177 So.Cal. B.C.
Nev. Colo.
40. papagonis Csy. 84–180 Ariz.
41. punctatus Er. 40–744 E. St. Ind.
obsoletus Csy. 84–181 Ont.
dilutus Csy. 84–184 La.
42. artus Csy. 84–182 N.Y.
43. meridionalis Csy. 84–185 Fla.
44. callosus Er. 40–737 Fla. Pa. D.C.
La. Ind.
45. capucinus Boh. 58–34 N.&So.Am.
varipes Csy. 84–187 Mich.
46. arculus Er. 40–744 Can.-Tex.Ind.
Fla. Conn.
47. dissentiens Csy. 84–190 L.Sup.
48. hubbardi Csy. 84–191 L.Sup.
simiolus Csy. 84–194 L.Sup.
49. lætulus Csy. 84–192 So.Cal.
50. leviceps Csy. 84–193 Vanc. B.C.
politulus Csy. 84–193 Vanc. B.C.
lucidus Csy. 84–196 So.Cal.

Stenus Latr.
3851. pertinax Csy. 84–195 Wy.
52. exilis Csy. 84–143 Cal.
(*Hemistenus* Mots. 60–557)
(*Areus* Csy. 84–150 ex parte)
(*Mesostenus* Rey 83–183)
53. croceatus Csy. 84–158 L.I.-Neb.
54. pterobrachys G. & H. 68–639 Alas.
brevipennis Mäkl. || 52–318
?montivagus Heer 38–578 Eur.

Stenus Latr.
3855. trajectus Csy. 84–179 Colo.
56. utenis Csy. 84–178 Colo.

Dianous Sam. 19–173
3857. cœrulescens Gyll. 10–463 Eur.&N.Am.
chalybæus Lec. 63–49 L.Sup. Mass.
58. nitidulus Lec. 74–272 N.H. Colo. Ind. Nfld.
zephyrus Csy. 84–11 Vanc. B.C.

EUÆSTHETINÆ

STENÆSTHETINI

Stictocranius Lec. 66–374
3859. puncticeps Lec. 66–374 D.C.

EUÆSTHETINI

Edaphus Lec. 61–67
3860. nitidus Lec. 63–50 Ala. La. Fla.
61. carinatus Csy. 84–30 D.C.
62. luculentus Csy. 84–31 D.C.

Euæsthetus Grav. 06–201
(*Eristhetus* Mann. 30–41
3863. brevipennis Csy. 84–20 Mich.
64. neomexicanus Fall 07–219 N.Mex.
65. punctatus Csy. 84–21 Fla.

Euæsthetus Grav.
3866. floridæ Csy. 84–21 Fla. Ind.
67. similis Csy. 84–22 Fla.
68. mundulus Csy. 84–23 Mass.
69. robustulus Csy. 84–24 Mass.
70. iripennis Csy. 84–25 O.
71. texanus Csy. 84–26 Tex.
72. americanus Er. 40–747 Mich.-Fla. Ind. L.I.
73. atomus Csy. 84–28 Fla.

PÆDERINÆ

PINOPHILINI

Pinophili
Pinophilus Grav. 02–201
3874. latipes Grav. 06–202 Fla. Atl. St.
75. obesus Csy. 10–194 W.Tex. [Ind.
76. parcus Lec. 63–48 Tex. Fla.
77. texanus Csy. 10–195 Tex.
78. trajectus Csy. 10–195 Tex.
a. pimalis Csy. 10–195 Ariz.
79. densus Lec. 63–48 Yuma, So.Cal.
80. arizonicus Csy. 10–195 Ariz.
81. aridus Csy. 10–196 Ariz.
82. diffidens Csy. 10–196 Tex.
83. opacus Lec. 63–49 Ga. Fla. Ind.
84. parvipennis Csy. 10–196 Iowa.

Lathropinus Sharp 86–628
3885. picipes (Er.) 40–671 Atl. St. Fla.

Aracocerus Nordm. 36–157
(*Araeocerus* || Nordm. 36–7)
3886. obsidianus (Csy.) 10–193 Tex.

Procirri
Palaminus Er. 40–681
3887. pallipes Lec. 63–49 Ga.
88. flavipennis Lec. 78–396 Fla.
89. normalis Lec. 78–397 S.C. Ga. Fla.
90. amplipennis Fall 07–221 N.Mex.
91. luteus Csy. 10–198 Pa. L.I. N.C. Va.
92. testaceus Er. 40–683 Ill. D.C. Ind. Ia. Miss.
93. fraternus Csy. 10–198 Tex.
94. hudsonicus Csy. 10–198 L.I.
95. contortus Lec. 78–397 Fla.
96. lividus Lec. 63–49 Yuma. So.Cal.
97. cribratus Lec. 78–397 Fla.
98. pumilus Lec. 78–398 Fla.
99. timidus Csy. 10–198 Tex.
3900. larvalis Lec. 63–49 L.I. Va. N.Y. Tenn. Fla. Ind.

PÆDERINI

Casey 05

Cryptobia
Gastrolobium Csy. 05–31
3901. virginicum Csy. 05–33 Va.
02. floridanum (Lec.) 78–389 Fla.-N.J.
a. convergens (Csy.) 84–129 N.J.
03. carolinum Er. 40–563 Ind. N.C Md.
04. subatrum Csy. 10–185 Tenn.
05. atriceps Csy. 05–34 Ill.
06. pimerianum (Lec.) 63–45 Ariz. Tex. Ia. Ind. Cal.

Gastrolobium Csy.
3907. lecontei (Horn) 85–94 Ia.
carolinum ‡ Lec. 78– nec Er.
08. bicolor (Grav.) 02–179 Ind. N.Y. N.C. Ia. Fla. Conn.
09. melanocephalum (Er.) 40-564 N.Y. Va. Ariz.
10. badium (Grav.) 02–53 Fla. N.J. Ind.
11. strenuum Csy. 05–36 O. Ia. Mo.
illiniane Csy. 05–37 Ill. [Tex.
a. spissiceps Csy. 05–37 Tex.

Gastrolobium Csy.
3912. texanum (Lec.) 78–392 Tex.
13. ventrale (Horn) 85–97 Ariz.
14. parallelum (Csy.) 84–130 Pa. N.J. N.C.
proximum (Csy.) 84–132 L.I.
15. coloradense Csy. 05–38 Ariz. Colo.
16. arizonense (Horn) 85–96 Ariz. Cal.
a. peninsulare Csy. 05–39 L.Cal.
17. suturale Csy. 05–39 Tex.
18. vagum (Horn) 85–95 Tex. Ariz.
19. despectum (Lec.) 63–45 Fla.-Tex.
20. lugubre (Lec.) 78–393. Fla.-La.
21. obliquum (Lec.) 78–394 Fla.
parcum (Lec.) 78–394
22. anceps (Horn) 85–90 Ariz.
23. vitatum (Horn) 85–96 Ariz.

Hesperobium Csy. 05–43
3924. tumidum (Lec.) 78–393 So.Cal.
25. californicum (Lec.) 78–392 So.Cal.-B.C.
a. pacificum Csy. 05–44 Cal.
b. vancouveri Csy. 05–45 Vanc.
26. pallipes (Grav.) 02–179 R.I.-Ia.Ind.
gravenhorsti (Kby.) 37–87 [Fla.
a. capito (Csy.) 84–127 N.Y.-N.C. Mo.
27. flavicorne (Lec.) 78–392 N.Y.-Mass.
28. cinctum (Say) 34–454 N.Y.-Wis.-
latebricola (Nordm.)36–150 [Fla. Ind.
29. clavicorne Csy. 05–47 Fla.
30. atronitens Csy. 05–48 Tex.
31. parviceps Csy. 05–48 Va.
32. sellatum (Lec.) 63–45 Ill. Ind.
33. cribratum (Lec.) 63–46 Ind.Ill.Mass. N.J.
34. rubripenne Csy. 05–49 So.Dak.
35. properum (Horn) 85–101 Ariz.

Lissobiops Csy. 05–50
3936. serpentinus (Lec.) 63–46 N.C. Ala.

Biocrypta Csy. 05–50
3937. prospiciens (Lec.) 78–393 Tex. Ariz.
38. magnolia Blatch. 17–238 Fla.

Pæderi

Pæderus Fab. 75–268
3939. grandis Aust. 76–8 Ariz.
40. femoralis Lec. 58–62 L.Cal. Ariz. So.Cal.
41. riparius (L.) 58–422 Eur.&(Tex.?)
42. littoreus Aust. 76–8 Fla. Ga.
43. ?mexicanus Er. 40–657 Mex. U.S.?

(*Pæderillus* Csy. 05–62)
44. floridanus Aust. 76–8 Fla.
45. carolinæ Csy. 05–63 N.C.
46. saginatus Csy. 05–63 Tex.
texanus Csy. 05–65 Tex.
47. compotens Lec. 63–48 So.Cal.
48. nevadensis Aust. 76–8 N.Mex. Ut. Wy.
49. palustris Aust. 76–8 Ia. Ind.
50. obliteratus Lec. 78–395 C.I. Ind. Fla.
51. iowensis Csy. 05–66 Ia.
52. littorarius Grav. 06–142 N.Y.N.C Ia. Ind. Conn.
53. pugetensis Csy. 05–66 Wasb.
54. canonicus Csy. 05–67 R.I. L.I.

Pæderus Fab.
(*Leucopæderus* Csy. 05–67)
3955. ustus Lec. 58–62 Ariz. So.Cal.

Ababactus Sharp 85–533
3956. pallidiceps (Csy.) 86–209 Cal.
57. lepidus (Lec.) 78–394 Tex.
58. nactus (Horn) 85–102 Ariz.

Cryptobiella Csy. 05–26
3959. ?pusilla (Lec.) 63–45 N.Y.

Lathrobia

Apteralium Csy. 05–77
3960. brevipenne (Lec.) 63–44 Ind.Ill.Ia.Mo.
61. carolinæ Csy. 05–78 N.C.

Abletobium Csy. 05–79
3962. pallescens Csy. 05–79 Mass.
63. shermani Fall 17–164 N.C.

Lathrobium Grav. 02–51
3964. amplipenne Csy. 05–81 N.Y.
deceptivum Csy. 05–83 N.Y.
65. subæquale Csy. 05–82 N.J.
66. armatum Say 34–453 Ill. Ind.
procerum Csy. 05–82 Ill.N.Y.Ont.
67. prælongum Csy. 05–82 N.J. [Ind.
68. spissicorne Csy. 05–83 Mass. Mich.
69. nigrolucens Csy. 05–83 Mass.L.I.N.J.
70. divisum Lec. 80–176 B.C.
71. franciscanum Csy. 05–85 Cal.
72. piceseens Csy. 05–85 N.H.
73. longiventre Csy. 05–85 Wis. Mont.
74. vancouveri Csy. 05–86 B.C. [Id.
75. illini Csy. 05–86 Ill.
76. obtusum Csy. 05–86 Mass. Can.
77. sparsellum Csy. 05–87 Man. [Man.
78. washingtoni Csy. 05–87 N.H.
79. rigidum Csy. 05–88 R.I.
80. postremum Csy. 05–88 R.I.
81. simile Lec. 63–43 Ind.Mass.-N.J. Conn.
82. insanum Blatch. 10–424 Ind.
83. neglectum Csy. 05–89 R.I.
84. innocens Csy. 05–89 Mich.
85. simplex Lec. 80–176 L.Sup. Wis.
fauveli Duviv. 83–75 [Man.
86. gravidulum Csy. 05–90 Mass.
87. seriatum Lec. 63–44 N.C.
88. parcum Lec. 80–176 Fla.
89. pedale Lec. 63–43 La. Miss.
90. bicoloratum Bnhr. 12–256 Mich.
bicolor || Lec. 80–175
91. puncticolle Kby. 37–86 Can.

Litolathra Csy. 05–93
3992. rhodeana Csy. 05–94 Mass. R.I. N.Y. Man.
93. semirubida Csy. 05–94 R.I.
94. concolor (Lec.) 63–44 Can.Ind.Nfld.
95. cruralis Csy. 05–94 N.J.O.Ia.
96. convictor Csy. 05–95 Ia.
97. amputans Csy. 05–95 Ia.
98. inornata Csy. 05–96 D.C.
99. subgracilis Csy. 05–96 N.Y.
4000. confusa (Lec.) 80–176 Mass.
01. suspecta Csy. 05–97 N.Y. D.C.

Lathrobiopsis Csy. 05–97
4002. texana Csy. 05–98 Tex.

Lathrobioma Csy. 05–98
4003. virginica Csy. 05–99 Va.
04. shoshonica Csy. 05–99 Or.
05. nanula Csy. 05–100 Mass.
06. dakotana Csy. 05–100 Dak.
07. hespera Csy. 05–100 B.C.
08. othioides (Lec.) 80–175 Mass. Ia.
09. tenuis (Lec.) 63–44 N.Y. R.I.
10. nigrolinea Csy. 05–102 Man.
11. oregona Csy. 05–102 Or.
12. scolopacea Csy. 05–103 Mass.
13. inops (Csy.) 84–135 L.Sup.?

Lathrolepta Csy. 05–103
4014. debilis (Lec.) 80–176 Mass.-Ia.

Tetartopeus Czwl. 88–349
4015. captiosus Csy. 05–106 Mont.
16. punctulatus (Lec.) 63–42 Ind. Mass.-Dak. Fla.
?terminatus (Grav.) 02–55 Eur. Man.
?fulvipenne Grav. 06–104 †Greenland.
17. hebes Csy. 05–106 Idaho.
18. rubripennis Csy. 05–107 Mass.-Ia.
19. callidus Csy. 05–107 ?Ind.
20. semiruber Csy. 05–107 Ind. Iowa.
21. floridanus Csy. 05.–108 Fla.
22. angularis (Lec.) 63–43 Mass. R.I.Fla.
23. furvulus Csy. 05–109 Mass.
24. tetricus Csy. 05–110 Tex.
a. nigrescens Csy. 05–109 Pa.
b. agitans Csy. 05–110 N.Y.
25. finitimus (Lec.) 80–175 Vanc. B.C.
26. stibium Csy. 05–111 Mont.
27. niger (Lec.) 63–43 Mass.-Wis. Man.
?quadratum Payk. 89–29 Eur. Sib.
28. lacustris Csy. 05–112 Ont.

Deratopeus Csy. 05–112
4029. nitidulus (Lec.) 80–175 Mass. Fla. Mich.
30. parvipennis Csy. 05–113 Mass.

Eulathrobium Csy. 05–114
4031. grande (Lec.) 63–42 Ind.R.I.-Mich.

Lathrotropis Csy. 05–115
4032. caseyi Blaisd. 06–71 Cal.
33. puncticeps (Lec.) 80–175 So.Cal.
lecontei (Duviv.) 83–76
34. jacobina (Lec.) 63–43 So.Cal. Nev.
a. relicta Csy. 05–116
35. gnoma Csy. 05–117 Cal.
36. validiceps Csy. 05–117 Cal.
37. subseriata (Lec.) 80–175 Cal. Vanc.
38. vafra Csy. 05–118 Cal.
39. ustulata Csy. 05–118 B.C.

Lobrathium Rey 77–29
4040. tacomæ Csy. 05–120 Wash.
41. montanicum Csy. 05–121 Mont.
42. coloradense Csy. 05–121 Colo.
43. bipartitum Csy. 05–122 Wash.

Lathrotaxis Csy. 05–122
4044. centurio Csy. 05–123 Ariz.
45. longiuscula (Grav.) 02–181 Ind.N.Y.-Ia.-[Tex. Conn.

Lathrotaxis Csy.
4046. soror Csy. 05–124 Tex.
47. fallaciosa Csy. 05–124 Tex.
48. praeceps Csy. 05–125 Ariz.
49. angusta Csy. 05–125 N.Mex.
50. acomana Csy. 05–126 Tex. N.Mex.
51. rubricollis Csy. 05–126 Mont. Ut. Ariz.
52. expressa Csy. 10–185 Ariz.
53. canora Csy. 10–185 Ariz.
54. polita (Grav.) 02–180 M.St. Fla.
55. floridæ Csy. 05–127 Fla.
56. californica (Lec.) 63–44 So.Cal.
57. atronitens Csy. 05–128 So.Cal.
58. galvestonica Csy. 05–128 Tex.
— castanea (Grav.) 02–52 N.Am.

Pseudolathra Csy. 05–129
4059. analis (Lec.) 80–177 Ind.Ia.La.
americana (Duviv.) 83–161 [Tex.
60. leviceps Csy. 05–130 Miss. Ind.

Paralathra Csy. 05–130
4061. filicornis Csy. 05–131 Colo.

Linolathra Csy. 05–131
4062. gaudens Csy. 05–132 Tex.
63. dimidiata (Say) 34–455 Tex. Ind. Fla.
horni (Duviv.) 83–162
64. filitarsis Csy. 05–133 Va.-Tex.
dimidiata (Lec.) 80–177 (nec Say) Ariz.
65. lituaria (Lec.) 80–177 Tex. Ariz. So.Cal.

Lathrobiella Csy. 05–133
4066. atriventris Csy. 10–186 R.I.
67. nigricans Csy. 05–134 Tex.
68. ventralis (Lec.) 80–177 N.J. Kan.?
?tricolor (Csy.) 84–133 N.J. [Fla.
69. barda Csy. 05–135 Pa.
70. gracilicornis Csy. 05–136 Ia. Neb.
71. oregonensis Csy. 05–136 Or.
72. fallax Csy. 05–136 Tenn.
73. robustula Csy. 10–186 Ind.
74. collaris (Er.) 40–599 Ind. Mass.-Ia.
75. vagans Csy. 05–137 No.Dak. [Fla.
76. habilis Csy. 05–137 Nev.
77. merens Csy. 05–138 Va.
78. æmula Csy. 05–138 N.C.
79. cupida Csy. 10–186 Mass.
80. modesta Csy 05–139 Miss.
81. fragilis Csy. 05–139 N.Y.
82. rubida Csy. 05–140 Pa. Ind. Miss.
83. famelica Csy. 05–140 Ia.
84. ambigua (Lec.) 80–177 Ia.L.Sup.Ind.
85. integra Csy. 05–141 ?Ind.
86. angustula Csy. 05–141 N.C.
87. depressula Csy. 10–187 N.Y.

Microlathra Csy. 05–142
4088. pallidula (Lec.) 80–177 Fla. Mass. S.I. Ind.
89. rutilans Csy. 05–144 Pa.
90. lineiformis Csy. 10–187 Iowa.

Dacnochilus Lec. 63–49
4091. lætus Lec. 63–47 La. Tex.
angularis Er. ‡ 40–614 Fla.

† Introduced.

Acalophæna Sharp 86–554
4092. compacta Csy. 05–146 Ariz.
?angularis (Er.) 40–614 So.Am.Mex.

Lithochares
Aderocharis Sharp 86–552
4093. corticinus (Grav.) 02–184 Pa.-Ia.
millepunctatus (Say)34–456 Ind. Fla.
rufescens (Nordm.) 36–148

Lithocharis Lac. 35–431
(*Metaxyodonta* Csy. 86–4)
4094. ochracea (Grav.) 02–59 Mich.Eur.& N.Am. Fla.
alutacea Csy. 86–29 Cal. Atl.-Pac.
quadricollis Csy. 86–30 Cal. [So.Cal.
95. californica Bnhr. 12–241 So.Cal.
simplex || Csy. 05–149
96. sonorica Csy. 05–150 Ariz.
opacicollis Horn mss. Bull. Ia. 98–159
speciosa Fvl. mss. Bull. Ia. 98–159

Medones
Neomedon Sharp 86-557
4097. arizonense Csy. 05–156 Ariz.
98. piciventris Fall 07–220 N.Mex.

Polymedon Csy. 05–156
4099. tabacinum Csy. 05–156 Ariz.

Sciocharis Arrib. 84-260
(? *Thinocharis* Kr. 59–142)
4100. nubipennis Csy. 05–157 Tex.
01. carolinensis Csy. 05–157 N.C.D.C.Ind.
02. congruens Csy. 05–158) Miss.

(*Sciocharella* Csy. 05–158)
03. delicatula Csy. 05–159 Ala. Ind.

(*Medonella* Csy. 05–180)
04. minuta Csy. 05–180 Fla.

Trachysectus Csy. 86–32
4105. confluentus (Say) 34–456 R.I.-Minn.
confluens (Er.) 40–615 [Ind. Conn.

Hemimedon Csy. 05–160
4106. rufipes Csy. 05–160 N.C. Va.
07. angustum Csy. 05–161 Va.

Medon Steph. 32–273
4108. sinuatocolle Csy. 86–14 No.Cal.
09. helenæ Csy. 05–162 Idaho.
10. lepidum (Csy.) 86–16 Cal.
11. lacustre Csy. 05–163 Cal.
12. convergens (Csy.) 86–15 Cal.
13. insulare Csy. 05–163 Vanc.
14. puberulum (Csy.) 86–17 Cal.
15. americanum Csy. 05–164 Pa.
16. inquilinum Csy. 05–164 Colo.
17. nitidulum Csy. 05–165 N.Mex.
18. explicans Csy. 10–188 Colo.
19. opaculum Csy. 05–165 Cal.
20. texanum Csy. 05–165 Tex.

Paramedon Csy. 05–166
4121. vancouveri Csy. 05–167 Vanc.
22. shastanicum Csy. 05–167 Cal.
23. latiusculum (Csy.) 86–19 Cal.
24. malacum (Csy.) 86–18 Cal.

Paramedon Csy.
4125. humboldti Csy. 05–168 Cal.
26. kernianum Csy. 05–169 Cal.
27. consanguineum (Csy.) 86–21 Cal.
28. contiguum (Csy.) 86–22 Cal.
29. subsimile Csy. 05–169 Cal.
30. difforme Csy. 05–170 Cal.
31. retrusum (Csy.) 86–25 Cal.
32. sublestum (Csy.) 86–21 Cal.
33. languidum (Csy.) 86–28 Cal.
34. apacheanum Csy. 05–171 Ariz.
35. luctuosum (Csy.) 86–24 Cal.
36. gulare Csy. 05–172 Cal.
a. distans Csy. 05–172 Cal.
37. pallescens Csy. 05–172 Cal.
38. conforme Csy. 05–173 Cal.
39. gregale (Csy.) 86–26 Cal.
mimulum (Csy.) 86–27 Cal.
40. falli Blatch. 10–432 Ind.
41. debile Csy. 05–174 Cal.
42. tahoense Csy. 05–174 Cal.
43. montanum Csy. 05–175 Cal.
44. boreale Csy. 05–175 Idaho.
45. pallidipenne Csy. 10–189 Cal.
46. arizonicum Csy. 05–175 Ariz.
47. orieus Csy. 10–189 N.Mex.
48. pinalicum Csy. 05–176 Ariz.

Medonodonta Csy. 05–176
4149. alutacea Csy. 05–177 N.Mex.

Oxymedon Csy. 05–177
4150. rubrum Csy. 05–177 Cal.

Tetramedon Csy. 05–178
4151. rufipenne Csy. 05–178 N.Y.

Platymedon Csy. 89–184
4152. laticolle Csy. 89–184 Ind. Ill. Neb.
53. nevadicum Csy. 05–179 Nev. [Man.

Xenomedon Fall 12–11
4154. formicaria Fall 12–12 So.Cal.

Oligopterus Csy. 86–12
4155. remotus Csy. 05–181 Cal.
56. cuneicollis Csy. 86–12 Cal.
57. filum Csy. 05–182 Cal.
58. flexilis Csy. 05–182 Mont.

Caloderma Csy. 86–5
4159. rugosa Csy. 86–5 So.Cal.
a. semibrunnea Csy. 05–183 Cal.
b. angulata Csy. 86–7 Cal.
c. continens Csy. 86–6 Cal.
60. pollens Csy. 05–184 Cal.
61. mobilis Csy. 86–8 Cal.
62. reducta Csy. 86–11 Cal.
63. luculenta Csy. 86–10 Cal.
64. peregrina Csy. 05–185 Nev.-Wash.
65. conjux Csy. 05–185 Nev.
66. contracta Csy. 05–185 Cal.
67. discolor Csy. 05–185 Cal.-Wash.
68. tantilla Csy. 86–12 Cal.
69. mollis Csy. 05–186 So.Cal.
70. exilis Csy. 05–186 So.Cal.
71. brevipennis Csy. 05–186 Cal.
72. quadripennis Csy. 05–186 B.C.

Hypomedon Rey 77–122
4173. debilicornis Woll. 57–194 Cosmop.
debilis Woll. ‡ S.C.Tex.

Pseudomedon Rey 77–122
(*Ramona* Csy. 86–213)
4174. thoracicum Csy. 05–188 Mass. Ind.
?obsoletum (Nordm.) 36–416 Eur. Mass. Can. Man.
a. ruficolle Csy. 05–188 R.I.-N.C.Ind.
b. clarescens Csy. 05–188 R.I.
75. alabamæ Csy. 05–189 Ala.
76. capitulum Csy. 86–213 Nev.Cal.Or.

Lena Csy. 86–211
4177. testacea Csy. 05–190 Tex. Fla.

Scopæi

Leucorus Csy. 05–192
4178. ferrugineus Csy. 05–193 Ariz.
79. luridus Csy. 05–193 So.Cal.
80. ochrinus Csy. 05–193 Colo.
81. rubens Csy. 05–194 Iowa.

Pycnorus Csy. 05–194
4182. dentiger (Lec.) 80–179 Mass. Ind.
83. armiger (Fall) 02–225 So.Cal. [Man.
84. iowanus Csy. 05–196 Iowa.

Orus Csy. 84–604
4185. longicollis Csy. 05–197 Cal.
86. parallelus Csy. 86–227 Cal.
87. boreellus Csy. 05–197 Idaho.
88. montanus Fall 02–223 So.Cal.
89. sonomæ Csy. 05–198 Cal.
90. pugetanus Csy 05–198 Wash.
91. robustulus Csy. 05–199 Cal.
92. pallidus Csy. 05–199 Cal.
93. pinalinus Csy. 05–199 Ariz.
94. deceptor Csy. 05–200 Cal.
95. punctatus Csy. 84–138 Nev.-Wash.
96. filius Csy. 05–200 Cal. [So.Cal.
97. distinctus Csy. 05–201 Cal.
98. fraternus Fall 02–223 So.Cal.
99. shastanus Csy. 05–201 Cal.
4200. provensis Csy. 10–190 Ut.
01. femoratus Fall 02–223 Cal.

Pseudorus Csy. 10–190
4202. cervicula (Csy.) 05–202 Cal.
03. spectralis Csy. 10–190 Ut.
04. prolixipennis Csy. 10–191 Cal.

Scopæus Er. 40–604
(*Leptorus* Csy. 86–217)
4205. texanus Csy. 86–221 Tex.N.Mex.
06. gilensis Csy. 05–205 Ariz. [So.Cal.
07. crassulus Csy. 05–205 Ala.
08. carolinæ Csy. 05–205 N.C.
09. longiceps Csy. 86–224 Tex.
10. longipennis Fall 02–225 So.Cal.
11. picipes Csy. 84–137 N.J. Fla. Tex.
12. arizonæ Csy. 05–206 Ariz. Tex.
13. notangulus Csy. 05–207 Ia. L.Sup.
14. versicolor Csy. 86–224 Tex.
bicolor Csy. 86–222 Tex.
15. hudsonicus Csy. 05–207 N.Y.
16. exiguus Er. 40–608 Pa.R.I.N.Y. Ind. Fla.

Scopæus Er.
4217. macilentus Csy. 05–208 N.C.
18. degener Csy. 05–208 N.Y.
19. angustissimus Csy. 05–208 N.C.
20. californicus Fall 02–224 So.Cal.
21. delicatus Csy. 05–209 N.Y.Va.Miss.
22. brachypterus Csy. 05–209 Iowa.
23. sagincllus Csy. 05–209 Ala.
24. quadripennis Csy. 05–210 Tex.

Scopæoma Csy. 05–211
4225. brunnipes (Lec.) 80–179 Vanc.
26. puritana Csy. 05–212 Mass.
27. rotundiceps (Csy.) 86–217 Cal.
28. procera Csy. 05–213 Colo.
29. angusticeps Csy. 05–213 Nev.
30. truncaticeps (Csy.) 86–219 So.Cal.

Scopæopsis Csy. 05–214
4231. opaca (Lec.) 63–46 D.C.N.C. Miss. Fla.
32. elaborata Csy. 05–215 Tex.
33. pallens Csy. 05–215 Tex.
34. ventralis Csy. 05–216 L.I.N.C.
35. duryi Csy. 05–216 Ohio.

Scopæodera Csy. 86–217
4236. nitida (Lec.) 63–47 La. Tex. So.Cal.
37. sonorica Csy. 05–218 So.Cal.

Stilici

Stilicus Latr. 25–495
(*Rugilus* Leach)
4238. opaculus Lec. 80–178 D.C.
39. oregonus Csy. 05–221 Or.
40. latiusculus Csy. 84–139 L.I.-Va.
41. rudis Lec. 63–46 N.Y.Pa.D.C.
42. apicalis Csy. 05–222 R.I.
43. angularis Er. 40–634 Ind. R.I. L.Sup.Tex.
44. occiduus Fall 02–225 So.Cal. [Fla.
45. oblitus Fall 07–221 N.Mex.
46. lacustrinus Csy. 05–224 L.Sup. Ia.
47. biarmatus Lec. 80–178 Man. Mass.
a. abbreviellus Csy. 05–224 N.Y. [Ind.
48. dentatus Say 34–457 N.Y.-Tex. Ind. Fla.
a. luculentus Csy. 05–225 R.I.
b. nigrolucens Csy. 05–225 Miss.
c. minusculus Csy. 05–226 R.I.

Pachystilicus Csy. 05–226
4249. quadriceps (Lec.) 80–178 Cal.
50. hanhami (Wickh.) 98–220 Man.

Megastilicus Csy. 89–183
4251. formicarius Csy. 89–183 Mass.-Ind.

Stilicolina Csy. 05–228
4252. tristis (Melsh.) 46–40 D.C. Pa.

Omostilicus Csy. 05–229
4253. sonorinus Csy. 05–230 Ariz.

Acrostilicus Hubb. 96–299
4254. hospes Hubb. 96–299 Fla.

Stilicopsci

Stilicopsis Sachse 52–144
4255. paradoxa Sachse 52–145 Ind.N.C.Fla.
56. subtropica Csy. 10–191 Fla.

Stamnoderus Sharp 86–607
4257. monstrosus (Lec.) 63–18 La.Va.Fla.
58. carolinæ Csy. 05–233 N.C.
59. pallidus Csy. 05–233 Fla.

Sunii

Astenus Steph. 32–275
(*Sunius* Er. 39–523)
4260. prolixus (Er.) 40–639 Va. Pa. Fla.
61. strigilis (Csy.) 05–237 Tex. [Man.
62. americanus (Csy.) 05–237 N.Y.-Va.
63. linearis (Er.) 40–639 N.Y. Ind. Fla.
64. spectrum (Csy.) 05–238 R.I.
65. binotatus (Say) 23–154 Ia. Ind. Fla.
66. cinctus (Say) 34–457 N.Y.-Ia.
67. simulans (Csy.) 05–239 Iowa.
68. inconstans (Csy.) 05–239 Tex.
69. ornatellus (Csy.) 05–240 Miss..
70. brevipennis (Aust.) 76–6 Iowa, Man.
71. fusciceps (Csy.) 05–240 Va.
72. discopunctatus(Say)34–457 R.I.-Tex.Ind.
centralis (Aust.) 76–7

Astenus Steph.
4273. zuni (Csy.) 05–241 N.Mex.
74. arizonianus (Csy.) 05–241 Ariz.
75. tenuiventris (Csy.) 05–242 So.Cal. Ariz.
76. similis (Aust.) 76–7 Tex. Ariz.
77. sectator (Csy.) 05–242 Mont.
78. longiusculus (Mann.) 30–39 Nev.-B.C.
? trisignatus (Boh.) 58–32 [So.Cal.
79. robustulus (Csy.) 05–243 Nev.Cal.
80. californicus (Aust.) 76–6 So.Cal.
— variegatus Solsky 67–114 N. Am.

Echiasteres

Echiaster Er. 40–636
4281. ludovicianus Csy. 05–247 Miss.La.

Leptogenius Csy. 86–214
4282. brevicornis Csy. 86–214 N.C. Tex. Ind.
virginicus Fall 01–304 Va.
sallei Fvl. ‡ Sz. 78–441 Fla.

STAPHYLININÆ

XANTHOLININI

Xantholini

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Saurohypnus Sharp 85–501
4283. scutellaris Sharp 85–502 Tex. Mex.

Gauropterus Thoms. 60–187
(*Eulissus* Csy. 06–366 nec Mann)
4284. fulgidus (Fab.) 87–220 †Eur&N.Am.
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Mass.

Nudobius Thoms. 60–188
4285. cephalus (Say) 34—52 Mass.-Ind.
Fla.Nfld. So.
Cal. Ariz.B.C.
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86. nubipennis Csy. 06–381 Ut.
87. phoenicis Csy. 06–382 Ariz.
88. arizonicus Csy. 06–382 Ariz. N.Mex.
89. pugetanus Csy. 06–382 Wash. Or.
90. limbalis Csy. 06–383 Cal.
91. corticalis Csy. 06–383 Cal.
92. debilis Csy. 06–383 No. Cal.
93. luridipennis Csy. 06–383 Tex. Ala.
94. elegantulus Csy. 06–384 W.Va. [W.Va.

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4295. picipennis Lec. 80–172 So.Cal.-B.C.
— punctulatus (Payk.) 89–30 Eur.&N.Am.?

Gyrohypnus Mann. 30–7
4296. obsidianus (Melsh.) 46–34 N.Y.-Or.
97. linearis (Blatch.) 10–395 Ind. [Conn.
98. temporalis (Lec.) 80–172 Fla.
floridæ (Duviv.) 83–70
99. dimidiatus (Lec.) 80–173 So. Cal. Ariz.
4300. infumatus Csy. 06–388 So. Cal.
01. bipartitus Csy. 06–388 Ariz.

Gyrohypnus Mann.
4302. emmesus (Grav.) 02–176 Conn. -La.
sanguineolentus (Melsh.) 46–34 [Fla. Ind.
03. luteiventris Csy. 06–389 La.
04. fusciceps (Lec.) 80–173 (nec Fauv.)
N.Y.-Ia. Ind.
05. indianensis(Blatch.)10–396 Ind. [Fla.
06. fucosus Csy. 84–126 N.J. Va.
07. melanops Csy. 06–390 L.I.-Colo.

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08. hamatus (Say) 34–453 R.I.-Man.
Ariz.
obscurus (Er.) 40–330 So. Cal.
N. Mex. Ind.
09. oregonus Csy. 06–392 Or.
10. protractus Csy. 06–392 Wis.
11. mollinus Csy. 06–392 Cal.
12. sanguinipennis(Lec.)80–174 N.J. Pa.
lecontei (Duviv.) 83–70
13. gilvipennis Csy. 06–393 N.Y.
14. pusillus (Sachse) 52–124 Ind. Va.-Mex.
Fla. Ariz.
So. Cal. Conn.
15. macilentus Csy. 06–394 Nev.-Man.
16. fragilis Csy. 06–394 Mont.-Ariz.

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(*Hypnogyra* Csy. 06–394)
17. vernicatus Csy. 06–395 Iowa
18. micans Csy. 06–395 O.
19. gularis (Lec.) 80–173 Mich. Ind.

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20. nanus (Lec.) 80–174 So. Cal.

Xestolinus Csy. 06–397
4321. abdominalis Csy 06–398 Ariz.
22. oviceps Csy. 06–398 Ut.

Lissohypnus Csy. 06–398
4323. texanus Csy. 06–399 Tex.

Leptacinus Er. 39–429
4324. cephalicus Lec. 80–170 S.C. N.Y.
a. rubricollis Csy. 06–400 Ky. Mo.
?rubricollis Reitt. 99–157
?parumpunctatus (Gyll.) 27–481 Mo. Tex. Cosmop.

Leptacinodes Csy. 06–401
4325. flavipes (Lec.) 63–41 Fla. L.I. N.J.
seriatus (Lec.) 80–169 [Ia. Ind.
?batychrus (Gyll.) 27–480 Eur.& N. Am?
26. nigritulus (Lec.) 80–169 Ind.-Cal.
27. lustrans Csy. 06–403 Colo.
28. pallidulus (Lec.) 80–169 So. Cal.

Stictolinus Csy. 06–404
4329. grandiceps (Lec.) 63–42 Cal.
30. æqualis Csy. 06–405 Cal.
31. scolopaceus Csy. 06–406 Mass.-Wis.
32. franciscanus Csy. 06–406 Cal.

Habrolinus Csy. 06–406
4333. tahoensis Csy. 06–407 Cal.

Nematolinus Csy. 06–407
4334. longicollis (Lec.) 63–41 R.I.-Mo.

Lithocharodes Sharp 76–204
4335. pallidus Csy. 06–410 Tex.
36. nigripennis (Lec.) 63–42 La. Fla.
37. ruficollis (Lec.) 63–42 Ind.-Tex.

Hesperolinus Csy. 06–411
4338. parcus (Lec.) 63–41 Cal.
brunnescens (Lec.) 80–169 So. Cal.
39. bicolor Csy. 06–413 So. Cal.
40. alticola Csy. 06–414 Nev.
41. borealis Csy. 06–414 Vanc.
42. pomonæ Csy. 06–414 So. Cal.

Hesperolinus Csy.
4343. angustus Csy. 06–415 So. Cal.
44. piceus Csy. 06–415 No. Cal.

Leiolinus Csy. 06–416
4345. uteanus Csy. 06–417 Ut.
46. tarsalis Csy. 06–417 Nev.

Leptolinus Kr. 58–647
4347. rubripennis Lec. 80–171 O.Ind.Ia.Tex.

Microlinus Csy. 06–419
4348. pusio (Lec.) 80–171 S.C. Fla.

Oligolinus Csy. 06–420
(*Metoponcus* Kr. ‡)
4349. floridanus (Lec.) 80–170 Fla.

Othii

Parothius Csy. 06–423
(*Othius* ‡ Steph. 32–253)
4350. californicus(Mann.) 43–228 Cal.

Baptolinus Kr. 58–659
4351. macrocephalus (Nordm.) 37–124 N.H. B.C. Alas. Nfld.
52. americanus Csy. 06–426 L. Sup.
pilicornis Payk. ‡ 90–335 Eur.
53. quadripennis Csy. 06–427 Idaho.
54. punctiventris Fall 02–221 Cal.Vanc. Ut.
55. fraternus Csy. 06–428 No. Cal.
— longiceps Fauv. 72–374 Eur.&N. Am.? Can. N.Y. W.Va.N.C.

Diochi

Diochus Er. 40–300
4356. schaumi Kr. 60–27 R.I.-Tex. Ind.
57. brevipennis Csy. 06–431 Va.-Mo. [Fla.
58. thoracicus Csy. 06–432 L.I.
59. pallidiceps Csy. 06–432 Tex.

STAPHYLININI

Staphylini

Horn 78, 84

Neobisnius Gangl. 95–464
(*Bisnius* ‡ auct. nec Thoms.)
(*Actobius* Fauv. ex parte)
4360. procerulus (Grav.) 06–95 Eur.& N.Am.
semipunctatus (Fairm.) 72–431 [Cal.Nev.
61. sobrinus (Er.) 40–512 Pa. Ind.
62. agnatus (Er.) 40–513 La. [So.Cal.
63 gratus (Lec.) 63–38 So. Cal. Ariz.
64. pæderoides (Lec.) 63–38 Ind. Conn. Ariz. So.Cal.
65. formosus (Fall) 02–221 So.Cal. [Man.
66. jocosus (Horn) 84–232 Del. N.C. Ind.
67. jucundus (Horn) 84–232 S.C.
68. elegantulus (Horn) 84–232 So. Cal. Ariz.
69. terminalis (Lec.) 63–38 Can.-Tex.
70. umbripennis (Lec.) 63–38 Pa.-Fla.
71. lepidulus (Lec.) 63–37 Ga.

Actobius Fauv. 74–72
4372. cinerascens (Grav.) 02–49 Eur. N.Am. Ind. Fla. Pa. Mich.
73. nanus Horn 84–225 N.Eng. Can. Ind.

Actobius Fauv.
4374. inutilis Horn 84–225 N.Eng. Mich.
75. fraterculus Horn 84–226 Ill. Ind. Mich.
76. senilis Horn 84–226 Colo. Cal.
77. infimus Horn 84–227 Cal.
78. ocreatus Horn 84–228 So.Cal.
79. patella Horn 84–229 Mich. N.Y.
80. loxatus Horn 84–229 D.C. Ind. Fla.
81. puncticeps Horn 84–230 So.Cal.
82. pusio Horn 84–230 Colo.
83. parcus Horn 84–230 Fla. D.C. Ind. Mich.

Philonthus Curtis 25–610
4384. politus (L.) 58–683 Eur. & N.Am. Nfld.
æneus (Rossi) 90–249 Pa. O. Ind. Mich.
mandibularis Kby. 37–92 N.Y. Mass. Can.N.S. H.B.T. Colo. Alas.
harrisi Melsh. 44–35
85. chalcœus Steph. 32–227 L.I. Va.

Philonthus Curtis

4386. furvus Nordm. 37–88 Nfld. Vanc. N. Am. Mex.
a. californicus Mann. 43–230 Cal.
comptus Hald. 52–375
87. sericinus Horn 84–182 Can. Pa.Tex.
88. niteseens Horn 84–182 So.Cal.-Vanc.
89. alutaceus Horn 84–183 So.Cal.
90. perversus Horn 84–183 Vanc.
91. bucephalus Horn 84–184 Cal. Vanc.
92. umbratilis (Grav.) 02–170 Eur.& N. Am.
subfuscus (Gyll.) 10–326 Mass. N.J. Ind. Mo.
93. laetulus (Say) 34–449 Can.-Ga. Ind.
94. gentilis Horn 84–185 Ariz.
95. asper Horn 84–185 Pa. D.C. Nfld.
96. fuscipennis Mann. 30–28 N.C. Eur.Sib.
politus || (Fab.) 75–266 Eur.& N.Am.
97. irinus Horn 84–186 Tex. [N.C.?
98. atratus (Grav.) 02–21 Eur.& N.Am.? H.B.T.
99. semiruber Horn 84–187 So.Cal. Ariz.
4400. duplicatus Buhr. 14–336 Colo. Wy. Br.
basalis || Horn 84–187 [Am.
01. lautus Csy. 15–433 Wy.
02. cautus Er. 40–446 N.C.-Fla.
03. hepaticus Er 40–451 Fla. No.& So. Am. Ind.
cinctulus Melsh. 46–167 U.S.& Can.
?nanus Melsh. 46–36 [Ariz. So.Cal.
palleolus Melsh. 46–37
?varicolor Boh. 58–29
04. wacoensis Csy. 15–430 Tex.
05. laxellus Csy. 15–431 N. Mex.
06. pumilio Csy. 15–431 Man.
07. longiventris Csy. 15–432 Mont.
08. lacustris Csy. 15–432 Minn.
09. convergens Csy. 15–432 Mont.
10. scutellatus Csy. 15–434 Cal.

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11. incertus Solsky 67–135 Mex. Ariz.
gracilicornis Horn 84–190
12. umbrinus (Grav.) 02–169 N.Y.-S.C.Ind.
moestus (Grav.) 06–47
13. flavolimbatus Er. 40–471 So.Cal. No. & So.Am.Gulf St. Fla. Ariz.
14. palliatus (Grav.) 06–53 Ind.Can-Colo.
15. pubes Horn 84–192 Nev.-Wash.
16. grandicollis Horn 84–193 So.Cal.-Vanc. Ariz.?
17. puberulus Horn 84–193 Ariz. Cal.
18. quadricollis Horn 84–194 Ind. N.Y. Mo. Mich.
?quisquiliarius(Gyll.)10–335 Cosmop.
19. theveneti Horn 84–194 Cal. Nev.
20. debilis (Grav.) 02–35 Eur.&N. Am. Atl.-Neb. Ind. Fla.
21. varians (Payk.) 89–45 Eur.& N. Am. L.I. N.Y. N.J. Ariz.?
a. agilis (Grav.) 06–77 Eur.& N. Am.
niger Melsh. 46–38
22. cervicalis Csy. 15–437 N.Y.
23. longicornis Steph. 32–237 Cosmop. Fla. Ind. Ariz. So. Cal. Nfld.
scybalarius Nordm. 37–94 U.S. & Can.
promptus Er. 40–929

Philonthus Curtis

4424. discoideus (Grav.) 02–38 Cosmop. So.
ruficornis Melsh. 46–38 Atl.-Ariz.[Cal.
25. thermarum Aubé 50–316 Cosmop. Mo.
26. gopheri Hubb. 94–308 Fla. [D.C.

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27. alumnus Er. 40–490 N.Y.-Fla.-Ariz. So.Cal.& [Porto Rico.
a. rufulus Horn 84–198
b. atriceps Horn 84–198
28. innocuus Horn 84–190 Ariz.
29. thoracicus (Grav.) 02–170 Gulf St. Ind. Mich. Kan.
30. fusiformis Melsh. 46–38 Can.Colo.Ind. Mich. Kan.
31. fulvipes (Fab.) 92–256 Eur.& N. Am.
horni(Fvl.mss.)Horn 84–200 N.Y. Ind.Can. Mass.
32. occidentalis Horn 84–200 Okla.-Ut.
33. schwarzi Horn 84–201 Ind. Mass. Mich.
34. hudsonicus Horn 84–201 H.B.T. Can.
35. pettiti Horn 84–201 So.Cal.Wash.
36. triangulum Horn 84–202 So Cal. Wash.
37. ferreipennis Horn 84–202 So.Cal. Wash.
38. caurinus Horn 84–203 No.Cal. Vanc.
39. crotchi Horn 84–203 Vanc. Ariz.
40. arizonensis Horn 84–203 Ariz.
41. micans (Grav.) 02–25 Ind. Eur.& N. Am. Mich. Mass. Nfld.
42. flavibasis Csy. 15–437 Mont.
43. lomatus Er. 40–482 Ind. U.S.Can.
a. georgianus Sachse 52–143 [Fla. Ariz.
44. cunctans Horn 84–205 D.C.
45. æqualis Horn 84–205 Can. L.Sup.
46. brunneus (Grav.) 02–172 Can.-Tex. Ind.
sericans (Grav.) 02–171 [Fla.
dimidiatus Say 34–456
brevis Melsh. 46–37
picatus Kby. 37–93

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47. cyanipennis (Fab.) 92–525 Eur.& N.Am. Ind.
æneus (Oliv.) 94–26 E.U.S. Ky.
cæruleipennis Mann. 30–27
48. blandus (Grav.) 06–72 Ind. Can. Va.
pulchellus Melsh. 46–36 [Ill.
pæderinus Sachse 52–126
49. quediinus Horn 84–209 Mich. Kan.
50. sordidus (Grav.) 02–176 Ind.Eur.& N.Am. So.Cal.
longipennis Prov. 77–730 Can.-Cal.
51. filicornis Horn 84–210 Nev.
52. cephalotes (Grav.) 02–22 Eur.& N.Am. Mass. Nfld.
53. inquietus Er. 40–928 S.C.-Tex. No. &So.Am.Ariz.
54. versutus Horn 84–211 So. Cal.
55. ventralis (Grav.) 02–174 Cosmop.Ind.
anthrax (Grav.) 02–176 Mich.Mo.Nev.
56. distans Horn 84–211 Vanc. Nev.
57. molliculus Csy. 15–436 Cal.
58. fallaciosus Horn 84–212 Mass. Pa.
59. inversus Horn 84–239 Colo.
60. brevipennis Horn 84–212 L.Sup. Man.
61. siegwaldi Mann. 43–230 No.Cal. Alas.
62. crassulus Horn 84–213 Nev.
63. horni Bnhr. 14–341 Ariz.
parvus || Horn 84–214

Philonthus Curtis

4464. clunalis Horn 84–213 So. Cal.
65. flumineus Csy. 15–439 Mo.
66. bidentatus Horn 84–214 Cal.-Vanc.
67. virilis Horn 84–215 Vanc. So.Cal.
68. punctatellus Horn 84–215 Nev. Il.B.T.
69. ottawensis Csy. 15–438 Can.
70. nigritulus (Grav.) 02–41 Ind. Eur.& N.Am.
aterrimus (Grav.) 02–41 N.Eng.-Vanc.
pumilus Mann. 30–32 [So.Cal.Ariz.
71. picipennis Mäkl. 52–313 Alas.
72. multipunctatus Blatch.10–389 Ind.
73. microphthalmus Horn 84–216 N.Eng.-Vanc.
74. cephalicus Csy. 15–438 Man. [Va.Ind.
75. linearis Csy. 15–439 B.C.
76. nanellus Csy. 15–440 No.Ill.
77. decipiens Horn 84–217 Cal.
78. albionicus Mann. 43–231 Cal.Alas.Ariz.
79. adustus Csy. 15–440 Cal.
80. instabilis Horn 84–218 Colo.Wy. So.
81. picicornis Horn 84–218 Nev. [Cal.
82. atrolucens Csy. 15–434 Cal.
83. validus Csy. 15–435 N.Y. Pa.

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84. serpentinus Horn 84–219 Ky. Ind.
85. quadrulus Horn 84–221 So.Cal. Ariz.
86. gracilior Csy. 15–444 Cal.
87. sagax Csy. 15–445 Ariz.
88. viridanus Horn 84–221 M.St.-Mo.
89. confertus Lec. 63–40 Ill. Can. Ia. Kan.
90. protervus Csy. 15–443 No.Ill. Man.
91. finitimus Csy. 15–443 Can.
92. stictus Hausen 91–321 Can.
93. lecontei Horn 84–222 So.Cal.-Colo.
94. morosus Csy. 15–441 Cal.
95. vulgatus Csy. 15–442 N.Y. Can.
96. pansatus Csy. 15–442 Colo. [Minn.
97. aurulentus Horn 84–222 Mich.-Wash. Ind.

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98. nematocerus Csy. 15–436 B.C.
99. nobilis Bnhr. 10–381 N.Mex.
4500. perforatus Fvl. 89–114 N.Am.(Nfld?)

Cafius Steph. 32–245
(*Bryonomus* Csy. 86–313)

4501. canescens Mäkl. 52–313 So.Cal.-Alas.
02. seminitens Horn 84–236 So.Cal.

(*Remus* Holme 37–64)

03. johnsoni Fall 16–13 Wash.
04. lithocharinus Lec. 63–38 So.Cal.
05. luteipennis Horn 84–237 So.Cal.
06. bistriatus Er. 40–502 Atl. St. Fla.
07. sulcicollis Lec. 63–40 So.Cal.
08. femoralis Mäkl. 53–189 Alas.
mutatus G. & H. 68–590
09. sericeus Holme 37–64 N.J. Eur.& N.Am. Fla.
10. decipiens Lec. 63–40 So.Cal. (C.I.?)
11. opacus Lec. 63–40 So.Cal.
dubius Lec. 63–39 Cal.

Hesperus Fauv. 72–426

4512. apicalis (Say) 34–451 Can.-Ga. Ind.
hæmaturus (Er.) 40–504

Hesperus Fauv.

4513. baltimorensis(Grav.)02–163 M.&S. St.Ind.

Belonuchus Nordm. 37–129

4514. formosus (Grav.) 06–72 Atl.St. Ind.
pallipes Melsh. 46–35 [Fla. Ariz.
15. ephippiatus (Say) 34–448 Mex. Ariz.
?erythropterus Solsky 68–137 Mex.? U.S.So.
16. punctiventris Csy. 15–446 Ariz. [Cal.
17. laticeps Csy. 15–446 So.Cal.
18. jacobianus Csy. 15–447 So.Cal.
19. texanus Csy. 15–447 Tex.
20. moquinus Csy. 84–125 Ariz.
?xanthomelas Solsky 67–139 Mex.(?Ariz.)
21. quadrifer Csy. 15–448 Ariz.
22. arizonicus Csy. 15–448 Ariz.
23. pallidus Csy. 15–449 Fla.
24. pollens Sharp 85–441 Mex. (?U.S.)

Staphylinus L. 58–421

4525. nigrellus Horn 79–188 No.Cal.Or. Ariz.
26. badipes Lec. 63–36 N.Eng.-Mich.
carbonatus Lec. 63–36 [Ind.
27. pleuralis Lec. 61–343 Ut.Or.Vanc.
28. saphyrinus Lec. 61–342 Cal. So.Cal.
29. luteipes Lec. 61–342 Cal. So.Cal.
30. erythropterus L. 58–422 Eur & N.Am.
cæsareus ‡ Lec. 78–597 [Man. Mich.
31. cæsareus Cederhj. 98–335 Eur.& N.Am.
ornaticauda Lec. 63–37 Vt. Can.
32. vulpinus Nordm. 37–53 M.St. Ind.
33. maculosus Grav. 02–165 Atl.St.-Mex.
viduatus Fab. 01–591 [Conn. Ind.
erythropennis Mann. 30–22
34. mysticus Er. 40–926 N.Y. Mo. Ga. Ind. Conn.
35. tarsalis Mann. 43–229 Alas.So.Cal.
submetallicus Lec. 61–342 [Ariz.
36. femoratus Fab. 01–594 So. St. Ga.
varipes Sachse 52–126
37. tomentosus Grav. 02–161 M.St. La.Ind.
38. pinorum Csy. 15–427 N.C. [Fla.
39. fluviaticus Csy. 15–428 Mo.
40. temporalis Csy. 15–429 N.C. Fla.
41. neomexicanus Bnhr. 14–381 N.Mex.
modestus ‡ Fall 07–219
42. lucanus Horn 94–362 L.Cal.
43. fossator Grav. 02–164 Mich.Ind.Ga. [Conn.
a. immaculatus(Fvl.mss.)Horn 79–194
44. comes Lec. 63–36 Ga. Fla. Ind.
45. cinnamopterus Grav.02–164 Me. Ind. Cal.
zonatus Grav. 02–162 [Fla. Conn.
badius Mann. 30–23
46. violaceus Grav. 02–132 Can.Ind.N.C.
a. cupripennis Melsh. 46–35 [Conn.
47. rutilicauda Horn 79–196 Or.
48. viridanus Horn 79–196 N.Eng.-Mich.
49. exulans Er. 40–374 Can.-Ga.
50. prælongus Mann. 30–24 Mass.-Pa.
cicatricosus Lec. 63–37 Fla.

Ocypus Kr. 58–536

4551. ater (Grav.) 02–161 Pa.N.S. Can. Eur.&N. Am. Ind. Conn. N. Y.N.J.La. Kan.

Ontholestes Gangl. 95–417
(*Listotrophus* ‡ Horn nec Perty 30–32)
(*Leistotrophus* Cr. 73–31)
4552. cingulatus (Grav.) 02–166 E. N.Am. Vanc. Conn.
chrysurus (Kby.) 37–94 [Ind.
speciosus (Mann.) 30–21
53. capitatus (Bland) 64–65 Ont.N.Y. Conn.

Xanthopygi

Tympanophorus Nordm. 37–9
(*Euryporus* ‡ auct. nec Er.)
4554. puncticollis Er. 40–554 N.Am.

Creophilus Mann. 30–16
4555. maxillosus (L.) 58–421 Eur.&N.Am. (Greenland?)
a. arcticus Er. 40–348 Sib. Alas.
b. villosus (Grav.) 02–160 Fla. Ind. Lab. Nfld. Ariz. So.Cal. Conn.

Thinopinus Lec. 52–215
4556. pictus Lec. 52–216 Cal.
a. variegatus (Mots.) 52–78 Alas.

Hadrotes Lec. 61–342
4557. crassus (Mann.) 46–509 Alas.-So.Cal.
a. extensus Lec. 61–342 Cal.

Trigonopselaphus G. & H. 68–597
(*Trigonophorus* || Nordm. 37–81)
4558. subcœruleus (Lec.) 63–35 Tex.

Xanthopygus Kr. 58–539
4559. cacti Horn 68–131 Ariz.

QUEDIINI

Horn 78; Casey 15

Tanygnathi

Tanygnathus Er. 39–417
4560. bicolor Csy. 15–424 Fla.
collaris Horn 78–150 (nec Er.)
61. acuminatus Csy. 15–425 Tex.

Quedii

Acylophorus Nordm. 37–127
4562. glaberrimus (Hbst.) 84–151 Eur.&N.Am. Mex. Ariz.
63. pratensis Lec. 63–34 Kan.
64. flavicollis Sachse 52–143 Pa.Ind.Kan. Tex.
65. pronus Er. 40–521 So.Cal. U.S. Ind. Fla. Man.
a. gilensis Lec. 63–34 Ariz.
b. longistylus Csy. 15–426 Fla.
66. caseyi n. m.
longicornis || Csy. 15–427 N.Y.
67. densus Lec. 78–387 Fla. Md.
68. lecontei Duv. 83–136 Fla. Ohio.
flavipes || Lec. 78–387

Heterothops Steph. 32–256
4569. fumigatus Lec. 63–35 Mich. M.St.-Cal. Ariz.
a. fusculus Lec. 63–35 Ind. Mass.
b. californicus Lec. 63–35 So.Cal.
70. carbonatus Fall 01–220 So.Cal.
71. pusio Lec. 63–35 So.Cal.Ariz. N.Y. Pa. O. Ind.
72. mediocris Fall 07–220 N.Mex.So.Cal.
73. occidentis Csy. 86–263 So.Cal.Ariz.
exilis || Csy. 86–208

Quedius Steph. 32–215
(*Hemiquedius* Csy. 15–397)
4574. ferox Lec. 78–388 Mass.Can.Ind. Fla. La.
(*Quedionuchus* Shp. 87–336)
75. lævigatus (Gyll.) 28–306 Eur.&N.Am. Nfld Alas.
plagiatus Mann. 43–231 Alas. Pa.Can. Ind. Ga. Kan.
76. longipennis Mann. 46–509 Alas. Or. [Or.
rufipennis Mäkl. 53–109 Alas.
(*Paraquedius* Csy. 15–397)
77. puncticeps Horn 78–166 Vanc.

Quedius Steph.
(*Anaquedius* Csy. 15–397)
4578. vernix Lec. 78–389 Mass. Can.
(*Quedius* Steph. s.str.) [Ill. Ind.Mich.
79. molochinus (Grav.) 06–46 Lab. Eur.N.H.
?picipennis Payk. 00–373 Vanc.Alas. Colo.Nfld. No.
80. strenuus Csy. 15–401 Tex.Ariz. [Ga.
(*Quediellus* Csy. 15–398)
81. nanulus Csy. 15–402 Cal. Or.
82. debilis Horn 78–165 Cal. Vanc.
83. helenæ Csy. 15–403 Mont.
84. humilis Csy. 15–403 Cal.
85. densiventris Csy. 15–404 Mont.
(*Distichalius* Csy. 15–398)
86. capucinus (Grav.) 06–40 Alas.So.Cal. Fla.
inversus Say 34–449 Ind. Ga.
bardus Melsh. 46–39 N.Y. Va. Ia.
ater Zieg. 46–266
a. pediculus Nordm. 37–79 Alas.
87. nevadensis Csy. 15–405 Nev.
88. marginalis Mäkl. 52–315 Alas.-Cal.
89. brunneipennis Mann. 43–232 L. Sup.-Alas.
90. ænescens Mäkl. 52–315 Alas.
91. agnatus Csy. 15–406 Man.
92. virginicus Csy. 15–406 Va. N.J.
93. oculeus Csy. 15–407 B.C.
94. sparsus Csy. 15–407 Cal.
(*Microsaurus* Steph. 32–215)
95. peregrinus (Grav.) 06–53 N.C. R.I.D.C.
silvicola Csy. 84–123 Pa. [Ind.
a. terminatus Melsh. 46–39 N.C.
96. rutilans Csy. 15–409 Cal.
97. canadensis Csy. 15–409 Que.
98. criddlei Csy. 15–410 Man.
99. erythrogaster Mann. 52–314 Alas.So.Cal. N.Y. Eur.
4600. mesomelinus (Marsh.) 02–510 Eur.&B.C. Cal.Ia.N.Y. Can.
a. grœnlandicus Zett. 28–61 Grœnland, Me. O.
?fulgidus (Fab.) 87–220 Eur.

Quedius Steph.

4601. iracundus Say 34–449 Ia.Ind.So.Cal.
fulgidus ‡ Horn 78–158(nec Fab.) Greenland-La.
02. breviceps Csy. 15–411 B.C.
03. limbifer Horn 78–162 So.Cal. Vanc.
04. desertus Horn 78–161 So.Cal. Ariz.
05. rubidulus Csy. 15–413 Ariz. [Ut.
06. pinalicus Csy. 15–413 Ariz.
07. fontinalis Csy. 15–414 N.Mex.
08. curtipennis Csy. 15–414 Man.
09. montanicus Csy. 15–414 Mont.
10. divergens Csy. 15–415 Cal.
11. uteanus Csy. 15–415 Ut.

(*Raphirus* Steph. 32–215)

12. seriatus Horn 78–166 Vanc. Cal.
13. probus Csy. 15–417 Cal.
14. prostans Horn 78–165 So.Cal.No.Cal.
15. rupimontis Csy. 15–418 Colo. [Vanc.
16. orbiceps Csy. 15–418 Mont.
17. solitarius Csy. 15–419 N.W.St.?

Quedius Steph.

4618. fulvicollis Steph. 32–244 Lab.Me-Vanc. Alas.Colo.
hyperboreus Er. 40–547 Eur. Ind.Nfld.
19. pugetanus Csy. 15–419 Wash.
20. ?sublimbatus Mäkl. 53–190 Lab.Alas. L.Sup. Ind.

(*Quediochrus* Csy. 15–420) [Sib.

21. spelæus Horn 71–332 Ind.Colo.Fla.
22. quadriceps Csy. 15–421 Man.

(*Anastictodera* Csy. 15–421)

23. compransor Fall 12–40 Kan.
24. boops Grav. 02–26 Greenland.
— transparens Mots. 45–358 Cal.

Megaquedius Csy. 15–421

4625. laxatus Csy. 15–422 Cal.
26. explanatus (Lec.) 58–61 So.Cal. Mont.
27. manitobensis Csy. 15–423 Man. [Ariz.
— melanocephalus Mann.52–315 Alas.

OXYPORINÆ

Oxyporini

Fauvel 64; Leconte 77

Oxyporus Fab. 75–267

4628. femoralis Grav. 02–196 N.J. D.C. O.
a. pulcher Zieg. 44–43
29. austrinus Horn 85–135 Ga. N.J.
30. elegans Lec. 77–215 La.
31. major Grav. 06–234 O. Conn. N.J. D.C.
32. rufipennis Lec. 63–51 W.St.N.J. D.C.
33. stygicus Say 34–459 Ind. D.C. O.
34. vittatus Grav. 02–195 Pa.Ind.Conn. O. N.J. D.C.
a. cinctus Grav. 02–196 Pa.

Oxyporus Fab.

b. dimidiatus Melsh. 46–39 Pa.
4635. fasciatus Horn 85–135 D.C.
36. bicolor Fauv. 64–371 S.C. N.C.N.J. D.C.
37. lateralis Grav. 02–195 Pa.Ind.Conn. O. N. J. D. C. N.J. O. D.C.
a. brevis Melsh. 46–39
38. occipitalis Fauv. 64–371 S.C.Ind.Wash.
39. lepidus Lec. 77–215 N.Y. D.C.
40. quinquemaculatus Lec. 63–61 Pa. D.C.

TACHYPORINÆ

Horn 77; Casey 95

Hypocyphtini

Hypocyphtus Mann. 30–581
(*Hypocyptus* auct.)

4641. longicornis (Payk.) 89–340 Eur.&N.Am.
ziegleri Lec. 63–30 Pa. Mass.
42. crotchi Horn 77–86 B.C.
43. nigritulus Lec. 78–510 Colo.

Hypocyphtus Mann.

4644. læviusculus Mann. 30–58 Eur.&N.Am. Mass.

Microcyptus Horn 82–1 [1]
(*Anacyptus* || Horn 77–87)

4645. testaceus (Lec.) 63–30 Ga. Ariz. Fla.

Tricopseniini

Trichopsenius Horn 77–88 [1]

4646. depressus (Lec.) 63–30 Fla. Ga. Ind. Mass. Tex.La. Fla. Cal.

Xenistusa Lec. 80–166 [1]

4647. cavernosa Lec. 80–167 Tex.
48. fossata Lec. 80–167 Tex.
49. pressa Lec. 80–167 Tex.

Tachyporini

Tachinus Grav. 02–135

4650. maculicollis Mäkl. 52–311 Alas. Vanc.
51. semirufus Horn 77–94 Cal.
52. memnonius Grav. 02–192 N.H.-B.C.
batychrous Grav. 02–191 [N.C. Ind.
rufus Sachse 52–121
53. tachyporoides Horn 77–94 Cal.Vanc.B.C.

Tachinus Grav.

4654. agilis Horn 77–95 So.Cal.
55. angustatus Horn 77–95 Cal. Colo.
56. debilis Horn 77–96 So.Cal. Vanc.
57. repandus Horn 77–96 N.Y.La.Ind.
58. scrutator Horn 77–97 Ill.[Mich.Nfld.
discoideus || Melsh. 44–32

[1] Termitophilous (see Proc. Ent. Soc. Wash. I. 160).

Tachinus Grav.

4659. mimus Horn 77–97 Or.
60. addendus Horn 77–97 L.Sup.
61. parallelus Horn 77–98 Ill.Can.Lab.
62. nigricornis Mann. 43–325 Alas. Vanc.
63. flavipennis Dej. 36–80 Can.Ind.Ga.
luridus ‡ Horn 77–98 (nec Er.)
64. luridus Er. 40–920 Can.Ind. Ill.
canadensis Horn 77–99
65. fimbriatus Grav. 02–191 Can.Ind.N.C.
66. picipes Er. 40–257 Can. Va.
67. schwarzi Horn 77–100 Mich.
68. limbatus Melsh. 44–32 M.St. Conn.
69. fumipennis Say 34–466 Pa. Fla.
axillaris Er. 40–261
colonus Sachse 52–121
70. pallipes Grav. 06–20 Ind. Eur. &
N.Am. Man.
frigidus Er. 40–256 Va.-Can.Alas.
71. crotchi Horn 77–101 Vanc. [Pa.
72. instabilis Mäkl. 53–185 Cal. Alas.
apterus Mäkl. 53–186
73. basalis Er. 40–262 Asia-Kan.-
Alas.
circumcinctus Mäkl.52–310 Alas. Can.
74. nitiduloides Horn 77–102 Can.-Md.
75. elongatus Gyll. 28–251 Can.Alas. &
ferrugineus Esch. i litt. [Eur.
76. rufipes DeG. 52–24 Alas.Eur.&
N.Am.
77. arcticus Mots. 60–122 Sib.&N.Am.
— propinquus Mann. 43–226 Alas. [Alas.
— puncticollis Zieg. 44–267 N.Am.

Tachyporus Grav. 06–1

4678. maculipennis Lec. 66–374 Ill.Mich.Ga.
Ind. Kan.
79. elegans Horn 77–103 Can. Ind.
80. pulchrus Blatch. 10–447 Ind.
?obtusus (L.) 58–684 Eur.
81. jocosus Say 34–466 Fla. Mich.Ga.
Ind.Eur. Sib.
Conn.
arduus Er. 40–237 Fla. L.Cal.
82. chrysomelinus (L.) 46–855 Eur.& Can.
Nfld.
a. acaudus Say 34–467 Sib. Ind.
b. maculicollis Lec. 66–374 Can.
83. californicus Horn 77–104 Or.-L.Cal.
84. nanus Er. 40–240 Can.-Pa.
85. macropterus Steph. 32–186 La. Ind.Eur.
scitulus Er. 39–395 D.C.
86. nitidulus Fab. 81–337 Cosmop. Ind.
brunneus (Fab.) 92–535 [So.Cal.
faber Say 34–468

Leucoparyphus Kr. 57–393
(*Cilea* Duval 58–25)

4687. silphoides (L.) 58–684 Eur.& N.Am.
marginellus (Grav.) 02–192 Mass.-So.Cal.
geminatus (Raud.) 38–39

Erchomus Mots. 58–218
(*Coproporus* Kr. 58–399)

4688. convexus (Er.) 40–248 Brazil.
inflatus Horn 77–107 Ariz.
89. punctipennis (Lec.) 63–31 Ariz.So.Cal.
90. ventriculus (Say) 34–466 E.U.S. Ind.
gibbulus (Er.) 40–252 [Fla. Conn.
acuductus (Kby.) 37–90
affinis (Kby.) 37–91
punctulatus (Melsh.) 44–32
flavidus Csy. 84–140 Pa.
91. politus Manee 15–175 N.C.
92. lævis (Lec.) 63–31 Gulf St.Ind.
Fla.
93. infimus Duv. 57–33 W.S. (Fla.?)

Physetoporus Horn 77–106
(*? Tachinomorphus* Kr. 59–54)

4694. grossulus (Lec.) 63–31 Ariz.

Conosoma Kr. 58–431
(*Conurus* || Steph. 32–188)

4695. knoxi Lec. 66–374 Pa.Mich.Ind.
Wis.
96. littoreus (L.) 46–852 Mass.Can.
Eur.
97. opicus (Say) 34–467 Gulf St.Ind.
cinctulus (Er.) 40–226 N.Y. Va. [Fla.
corticola Csy. 84–146 Pa.
98. imbricatus Csy. 95–439 N.Y. N.J.Pa.
Fla.
?pubescens Horn 77–111 (nec Payk.)
Eur.&N.Am.?
?testaceus (Fab.) 92–535
adeps Zimm. i. litt.
99. limuloides Csy. 95–441 Ia.
4700. velocipes Csy. 95–442 N.Y. N.J. Va.
01. castaneus Horn 77–111 So.Cal. Ariz.
02. virginiæ Csy. 95–443 Va.
03. macer Csy. 95–443 S.C. Va.
04. bipustulatus (Grav.)02–132 Eur. Asia,
N.Am. Nev.
bisignatus Horn 77–110 So.Cal.
05. basalis (Er.) 40–225 Conn.Ind.Fla.
puliarius (Sachse) 52–120
setifer Csy. 84–147 Pa.
06. occultus Csy. 84–145 D.C. Mass.
07. crassus (Grav.) 02–190 Can.Gulf St.
moestus (Say) 34–466 [Ind. Fla.
08. versicolor Csy. 84–142 Pa.
09. debilis Csy. 95–447 N.C.
10. subtilis Csy. 95–448 Tex.
11. carinulus Blatch. 10–451 Ind.
12. parvulus Horn 77–111 N.C. Fla.
13. scriptus Horn 77–112 Fla. Mich.La.
Ind. R.I. N.Y.
14. elongatus Blatch. 10–450 Ind.
15. heathi Wasm. 02–95[1] Cal.

BOLITOBIINI

Bolitobius Steph. 32–171
(*Bryocharis* Lac. 35–502)
(*Megachronus* Steph. 32–165)

4716. niger (Grav.) 02–193 Ill. Pa. Can.
17. arizonensis Bnhr. 12–681 Ariz. [Mich.

Bolitobius Steph.

4718. axillaris (Grav.) 06–29 Gulf St.
facilis Csy. 84–148 Pa. D.C.
19. dimidiatus Er. 40–276 Gulf St. Ind.
20. nepigonensis Bnhr. 12–681 Ont.

[1] Termitophilous (see Proc. Ent. Soc. Wash. I. 160).

Bolitobius Steph.

4721. intrusus Horn 77–115 Can.Pa. Ind.
22. cingulatus (Mann.) 30–64 Eur. Ind. Can. Pa. B.C. Or.
23. cincticollis Say 34–465 Pa.-B.C. Ind. Conn.So.Cal. [Ariz.
bimaculatus Couper 65–61
occiduus Csy. 84–150 Wash.
24. anticus Horn 77–117 Nfld. N.Eng. Mich. Ind.
25. pygmæus (Fab.) 81–339 Eur. Gulf St. B.C. Ind.Fla.
? thoracicus Fab. 77–242
trimaculatus Say 34–464
venustus Melsh. 46–33
binotatus Melsh. 46–33
26. angularis Sachse 52–122
27. trinotatus Er. 40–279 Mass.Alas.
28. pœcilus Mann. 52–312 Alas. [Ind.Fla.
29. obsoletus (Say) 34–464 Va.-Tex.
sellatus Sachse 52–122
30. cinctus (Grav.) 02–193 E.U.S.B.C.
atricaudatus (Say) 23–158 [Ind.
a. gentilis Lec. 63–31
31. longiceps Lec. 63–32 Can. L.Sup.
32. quæsitor Horn 77–119 N.Y. Ill.
rostratus || Lec. 63–32 Ill.
33. elefas Bnhr. 12–681 N.J.
34. biseriatus Mann. 46–508 Alas.
35. exoletus Er. 39–409 Eur.& N. Am. Mich.
35½. californicus Bnhr. 12–680 Cal.
— analis Payk. 89–47 Eur.& N.Am.?

Bryoporus Kr. 58–452

4736. flavipes Lec. 63–32 La.

Bryoporus Kr.

4737. rufescens Lec. 63–33 Lab.Mich.-Fla. Ariz.
rubidus Lec. 63–33 Pa.-Ind.
testaceus Lec. 63–33 Cal. Fla.
parvulus Csy. 84–151 Pa.

Mycetoporus Mann. 30–62

4738. humidus Say 34–65 Fla.-Cal. Ind.
lepidus ‡ (Grav.) 06–26
39. horni Leng 18–204
tenuis || Horn 77–122 L.Sup.
40. consors Lec. 63–34 Mich. Ind.
41. neotomæ Fall 10–100 So.Cal.
42. americanus Er. 40–285 Pa. Ill. Ind.
a. lucidulus Lec. 63–33 Fla.
43. flavicollis Lec. 63–33 La.Mich.Fla.
a. pictus (Fvl. mss.) Horn 77–123 [Ind.
44. splendidus (Grav.) 06–24 Cal. L.Sup. B.C. Eur.
americanus ‡ Horn 77–122 (nec Er.)
inquisitus Csy. 84–152 Pa.
45. hospitalis Fall 10–101 Cal.
46. californicus B. & S. 16–450
myops || Fall 10–102 No.Cal.
47. insignis Mäkl. 53–186 Alas.
48. nigrans Mäkl. 53–187 Alas.
49. punctus (Gyll.) 08–248 Eur.& N.Am. Mass.
50. punctipennis Scriba 68–155 Eur.&N. Am. Ill. Mo.
51. brunneus (Marsh.) 02–524 Eng. & N.Am. N. H.
— longulus Mann. 30–63 Eur. & N.Am.

HABROCERINÆ

Habrocerini

Habrocerus Er. 39–400

4752. schwarzi Horn 77–124 Mich.

Habrocerus Er.

4753. magnus Lec. 78–598 L.Sup.

TRICHOPHYINÆ

Trichophyini

Trichophya[1] Mann. 30–73
(*Eumitocerus* Csy. 86–206)

4754. tarsalis (Csy.) 86–207 Cal.

Trichophya Mann.

4755. pilicornis Gyll. 10–417 N.Y.Eur.
56. lativentris Csy. 97–549 Colo.

ALEOCHARINÆ

Eichelbaum 09; Fenyes 08; Casey 93, 06, 10, 11; Bernhauer 01, 14

Deinopsini

Deinopsis Matth. 38–193
(*Dinopsis* ‡ auct.)

4757. americana Kr. 57–38 La.Va. Ind.
a. rapida Csy. 11–235 Ia.

Deinopsis Matth.

4758. myllaenoides Kr. 57–38 Fla. La. Miss.
59. harringtoni Csy. 11–234 Can. [Ind.

Gymnusini

Gymnusa Grav. 06–172

4760. brevicollis (Payk.) 00–398 Eur.& N.Am. Can.L.Sup. Mich.

Gymnusa Grav.

4761. atra Csy. 11–233 Mass. Can.
62. variegata Kies. 45–223 Eur. & N. Am.
63. grandiceps Csy. 15–395 R.I. [Mich.

[1] This genus cannot be associated with Habrocerus according to Casey, 1897, who described Eumitocerus in Tachyporini in 1886. We follow Ganglbauer in placing it in a separate subfamily. In the Junk Col. Cat. para 67, p. 441, Eumitocerus tarsalis is cited in Habrocerinæ.

MYLLAENINI

Myllæna Er. 39–382
4764. dubia (Grav.) 06–173 Mich. Mass. Can. Eur.&N.Am.?
65. intermedia Er. 39–383 Eur.& N.Am.?
66. minuta (Grav.) 06–174 Mo.Ind.Eur.&
67. fuscipennis Kr. 57–36 La. [N.Am.
68. infuscata Kr. 53–373 Fla.W.Va. Mass.Eur.&
69. fenyesi Bnhr. 07–381 So.Cal.[N.Am.
70. vulpina Bnhr. 07–381 Ind.Pa. W.Va.
71. insomnis Csy. 11–236 Mass.
72. audax Csy. 11–236 N.Y.
73. abdita Csy. 11–237 N.J.
74. insipiens Csy. 11–237 Pa.
75. obscurata Csy. 11–238 N.J.
76. procidua Csy. 11–238 N.Y.
77. arcana Csy. 11–239 Ia.
78. ludificans Csy. 11–239 R.I.

Myllæna Er.
4779. brevivestis Csy. 11–240 R.I.
80. immunda Csy. 11–240 Can.
81. decreta Csy. 11–241 Cal.
82. impellens Csy. 11–241 Cal.
83. brevicollis Csy. 11–241 Cal.
84. frivola Csy. 11–242 Nev.
85. esuriens Csy. 11–242 Cal.
86. vegeta Csy. 11–243 Cal.
87. umbra Csy. 11–243 Cal.
88. scobinella Csy. 11–244 B.C.
89. molesta Csy. 11–244 Cal.
90. dissimulans Csy. 11–244 Cal.

Tetralina Csy. 11–224
4791. belenæ Csy. 11–225 Mont.
92. filitarsis Csy. 11–225 Mont.
93. alutacea Csy. 11–226 Cal.

HYGRONOMINI

Bamona Sharp 87–287
4794. carolinæ Csy. 06–355 N.C.
95. falliana Csy. 93–378 So.Cal.
96. tenuissima Csy. 06–356 Cal.

Leptobamona Csy. 11–216
4797. pertenuis (Csy.) 93–77 N.J.

Gyronycha Csy. 93–372
4798. valens Csy. 93–373 Tex.
99. texana Csy. 93–373 Tex.
4800. obscura Csy. 93–375 So.Cal.
01. fusciceps Csy. 93–376 Ind. N.Y.N.C.
02. lepida Csy. 11–217 N.C.
03. longicornis Csy. 11–217 N.Y.

Gyronychina Csy. 11–218
4804. attenuata (Csy.) 85–306 Cal.
lineata (Csy.) 93–376 Nev.
fenyesi (Bnhr.) 06–337 So.Cal.
longipennis Csy. 11–219 Cal.

Alisalia Csy. 11–219
4805. brevipennis Csy. 11–220 R.I.
06. parallela Csy. 11–220 Tex.
07. testacea Csy. 11–221 N.C.
08. minutissima Csy. 11–221 N.C.
09. delicata Csy. 11–222 Colo.
10. austiniana Csy. 11–222 Tex.
11. bistriata (Bnhr.) 09–528 Pa.
12. antennalis Csy. 11–223 Tex.

OLIGOTINI

Somatium Woll. 54–563
4813. effugens Csy. 11–227 O.
14. nugator Csy. 94–379 Pa.
15. pallescens Csy. 11–227 Ia.
16. claviger Csy. 94–380 Ia.
17. ovilormis Csy. 94–381 So.Cal.
18. lustrans Csy. 11–228 Mo.
19. abruptum Csy. 11–228 Miss.

Oligota Mann. 30–72
4820. pumilio Kies. 58–53 Tex. D.C. Mo. Eur.& N.Am.?
21. pedalis Lec. 66–372 D.C.

Oligota Mann.
4822. puncticollis Csy. 11–229 Ia.
23. apicata Er. 39–365 Eur.& N.Am.?
24. parva Kr. 62–300 Eur. & N.Am. Mass. Mo.
25. pusillima (Grav.) 06–175 Eur. & N.Am.
26. parallela Csy. 11–232 L.I. [Mass.
27. linearis Csy. 11–232 N.Y.
28. californica Csy. 11–230 Cal.
29. congruens Csy. 11–230 Cal.
30. esmeraldæ Csy. 11–231 Nev.
31. texana Csy. 11–231 Tex.

BOLITOCHARINI

Autalia Mann. 30–14
4832. puncticollis Sharp 64–45 Wash. Eng. &
33. elegans Csy. 86–204 Cal. [N.Am.
34. copiosa Csy. 11–180 Cal.
35. truncatula Csy. 11–180 Alas.
36. brevicornis Csy. 11–181 B.C.

Apheloglossa Csy. 94–348
4837. rufipennis Csy. 94–349 Ariz.

Pectusa Csy. 11–197
4838. oblonga Csy. 11–198 Miss.

Amenusa Csy. 11–196
4839. spissula Csy. 11–197 Cal.

Placusa Er. 39–370
(*Amenusa* Csy. 06–349)
4840. complanata Er. 40–194 Eur.& N.Am. Mass.
41. atrata Sahlb. 17–375 Eur.& N.Am.?
42. tachyporoides Waltl 38–268 Eur. & N.Am.
43. angustula Csy. 06–349 So.Cal. [Mass.
44. despecta Er. 40–197 Fla.Eur.& N.Am. S.C.

Placusa Er.
4845. tacomæ Csy. 94–350 Wash.
46. frosti Csy. 11–186 Mass.
47. arizonica Csy. 11–186 Ariz.
48. strata Csy. 11–187 Cal.
49. turbata Csy. 11–188 V.C.
50. petulans Csy. 11–188 Cal.
51. vaga Csy. 11–189 Cal.

Silusa Er. 39–377
(*Stenusa* Kr. 58–47)
4852. alternans (Sachse) 52–118 N.Am.
53. gracilis (Sachse) 52–119 N.Am.
54. californica Bnhr. 05–249 So.Cal.
55.[1]
56. decolorata Csy. 06–345 Cal.
57. valens Csy. 06–344 N.Y.
58. vesperis Csy. 94–351 Cal.
59. rutilans Csy. 11–190 Pa.
60. modica Csy. 11–190 Ia.
61. senescans Csy. 11–191 Ia.
62. densa Fenyes 09–418 So.Cal.
63. opaca Fenyes 09–418 Cal.

Diaulota[2] Csy. 94–353
4864. densissima Csy. 94–354 Alas.B.C.Cal.
a. insolita Csy. 94–355 Alas.

Euvira Sharp 83–278
4865. debilis Sharp 83–281 Guat.(U.S.?)

Amblopusa[2] Csy. 94–355
(*Amblyopusa* Eich. 09–209)
4866. borealis Csy. 06–354 Alas. B.C.
67. brevipes Csy. 94–356 Alas. B.C.
68. pallida Csy. 11–212 Vanc.

Ecitoxenia[2] Wasm. 01–232
4869. brevipes Brues 02–185 Tex.

Thecturota Csy. 94–357
4870. laticeps Csy. 11–208 Tex.
71. capito Csy. 94–358 Tex.
72. fracta Csy. 11–209 Ariz.
73. nevadica Csy. 11–209 Nev.
74. histrio Csy. 11–210 Va.
75. demissa Csy. 94–359 N.Y.
76. tenuissima Csy. 94–358 R.I.
77. exigua Csy. 94–360 Ia.
?subtilior (Bnhr.) 07–396 So.Cal.
(*Oligurota* Csy. 94–361)
78. pusio Csy. 94–362 Ind.
(*Hemithecta* Csy. 11–211)
79. ruficollis Csy. 11–211 So.Cal.

Thectura Thoms. 58–32
4880. cuspidata Er. 40–96 Ohio, Eur. &
81. americana Csy. 94–360 N.Y. [N.Am.

Leptusa Kr. 56–60
4882. hæmorrhoidalis Heer 38–332 Eur.& N. Am.
Mass.S.C.Ill.
Tex.
83. americana Bnhr. 05–251 So.Cal.

Leptusa Kr.
4884. atrocephala Bnhr. 05–250 So.Cal.
85. brevicollis Csy. 94–363 Pa.
86. canonica Csy. 06–351 Miss.
87. caseyi Fenyes 08–58
tricolor || Csy. 06–351 Ia. Ohio.
88. nebulosa Csy. 11–199 Ohio.
89. iowensis Csy. 11–200 Ia.
90. elegans Blatch. 10–342 Ind.
91. obscura Blatch. 10–343 Ind.
92. opaca Csy. 94–364 Pa. R.I. Wis.
93. seminitens Csy. 94–364 N.Y. [Pa.
94. semirufa Csy. 06–352 N.C. Ohio.
95. exposita Csy. 11–201 Ohio.
(*Pasilia* Rey 71–226)
96. virginica Csy. 11–202 Va.
97. frontalis Csy. 94–366 Can.
(*Eucryptusa* Csy. 06–345)
98. nanula Csy. 94–352 R.I.
99. pavida Csy. 11–203 N.Y.
4900. immunis Csy. 11–204 Ia.
01. fragilis Csy. 11–204 Cal.
(*Dianusa* Csy. 06–346)
02. pasadenæ Csy. 06–347 So.Cal.
03. bakeri Csy. 11–205 Cal.
(*Ulitusa* Csy. 06–347)
04. cribratula Csy. 06–348 Ohio, Pa.
05. pusio Csy. 06–348 Ohio.

Bryobiota[2] Csy. 94–367
(*Phytosus* ‡ Csy. 85–311)
4906. bicolor (Csy.) 85–311 So. Cal.

Thinusa Csy. 94–371
4907. maritima (Csy.) 85–312 Cal.-Alas.
obscura Csy. 06–354 So.Cal.
08. fletcheri Csy. 06–353 Alas.
a. robustula Csy. 11–215 B.C.
divergens Csy. 11–213 B.C.
09. nigra Csy. 11–214 B.C.

Bryothinusa Csy. 04–312
4910. catalinæ Csy. 04–313 So.Cal.

Crimalia Csy. 11–206
4911. quadriceps Csy. 11–207 Miss.

Phytosus[2] Curtis 23–718
4912. littoralis Horn 71–331 N.J.
13. opacus Lec. 63–28 Cal.

Liparocephalus[2] Mäkl. 53–191
4914. brevipennis Mäkl. 53–192 Alas.-Cal.
cordicollis Lec. 80–177 Cal.

Bolitochara Mann. 30–75
(*Stictalia* Csy. 06–264)
(*Ilyobates* ‡ Csy. 85)
4915. notata Mäkl. 52–305 Alas.
a. densicollis Csy. 06–265 B.C.
b. aspera Csy. 06–266 Cal.
16. californica Csy. 85–307 Cal. So. Cal.
17. punctiventris Csy. 06–266 Cal.

[1] 4855 was used for collaris Csy. the type of Casey's genus Pancota. See no. 5604.

[2] The position of some genera and species, being determined by the number of tarsal joints (a difficult fact to ascertain on account of small size and one on which authorities sometimes disagree) may be subject to alteration.

Bolitochara Mann.
4918. rugipennis Csy. 06–267 Cal.
nigripennis ‡ Fenyes 08–58
19. obsolescens Csy. 06–267 Cal.
20. carlottæ Csy. 11–182 Alas.
21. arcuata Csy. 06–267 B.C.
22. bakeri Csy. 06–268 Cal.
23. collaris Csy. 06–268 Cal.
24. laxicornis Csy. 06–268 Cal.
25. nigrina Csy. 85–308 Cal.
26. brevicornis Csy. 06–269 Cal.
27. minor Csy. 06–269 Cal.
(*Silusida* Csy. 06–270)
28. marginella Csy. 94–370 N.Y. Pa.
(*Venusa* Csy. 06–272)
29. picta Csy. 06–272 N.Y.-Ia.
30. blanchardi Csy. 94–369 N.Y. Ind. Ia.
31. lætula Csy. 06–273 Mo.
(*Pleurotobia* Csy. 06–273)
32. suturalis Csy. 06–274 Ohio.
33. tristigma Csy. 06–274 Mo.
?trimaculata (Er.) 40–105 Ind. Pa.
34. texana Csy. 06–275 Tex.
*
35. unicolor Fenyes 09–198 Cal.

Goniusa Csy. 06–348
(*Euryusa* ‡ Er. 39–371)
4936. obtusa (Lec.) 66–373 Pa.

Homalota Mann. 30–73
4937. plana Gyll. 10–402 Eur.& N.Am.?
Mo. Fla. Ind.
depressiuscula Mann.30–80 Alas. [Cal.Ky.
38. funesta Csy. 11–192 Ohio.
flexibilis Csy. 11–192 Pa.
39. hesperica Csy. 11–193 Cal.
40. wickhami Csy. 11–194 Ia.
41. frigidula Csy. 11–194 Idaho.
42. humilis Csy. 11–195 N.Y.
43. lepidula Csy. 11–196 Tex.
44. silacea Er. 40–120 N.Am.
pernix (Csy.) 10–144 Va.
— semiopaca Fvl. mss. Ariz.

Diestota Rey 70–194
4945. funebris Sharp 83–252 Mex.(U.S.?)

Eumicrota Csy. 06–280
4946. oligotina Csy. 11–183 Mo.
47. corruscula (Er.) 40–189 Ind.Tex.N.Y.
48. humeralis Csy. 06–282 Pa. [D.C.Mo.
49. texanella Csy. 06–282 Tex.
50. socia (Er.) 40–189 N.C.-Tex.
51. melania Csy. 06–283 Mo.
52. pallidula Csy. 06–283 N.Y.
53. pinalica Csy. 06–283 Ariz.
54. minutissima Csy. 06–284 Miss.
55. atoma Csy. 06–284 N.C.

Gyrophæna Mann. 30–74
4956. affinis Sahlb. (nec Fauv.) 17–383
Eur.& N.Am.?
Mass.N.J.S.C.
57. bihamata Thoms. 67–46 Eur.& N.Am.
B.C.
58. fasciata Marsh. 02–514 Eur.&N.Am.?
59. vitrina Csy. 06–291 N.Y. Pa.
60. attonsa Csy. 11–184 N.Y.
61. flavicornis Melsh. 44–31 N.Y. Nfld.
62. uteana Csy. 06–292 Ut.
63. gaudens Csy. 06–292 Wis.
64. monticola Csy. 06–293 Colo.
65. pacifica Csy. 06–293 B.C.
66. lobata Csy. 06–294 Ind. N.Y.
67. involuta Csy. 06–294 N.Y.
68. antennalis Csy. 06–295 N.Y.
69. insolens Csy. 06–295 L.Sup.
70. fuscicollis Csy. 06–296 N.Y.
71. modesta Csy. 06–296 N.Y.
72. gilvicollis Csy. 06–296 N.Y.
73. laurana Csy. 06–297 Colo.
74. criddlei Csy. 11–184 Man.
75. coniciventris Csy. 06–297 Mo.
76. genitiva Csy. 06–298 Mo.
77. sculptipennis Csy. 06–298 Wis.N.Y.
78. subpunctata Csy. 06–299 N.Y.
79. lacustris Csy. 06–299 Can. Ia. Wis.
a. inconspicua Csy. 06–299 Pa.
80. lætula Csy. 06–300 N.Y. Pa.
81. rhodeana Csy. 06–300 R.I.
82. fustifer Csy. 06–300 N.Y.
83. centralis Csy. 06–301 N.Y.
84. perpolita Csy. 06–301 Wis.
85. tenebrosa Csy. 06–302 Colo.
86. keeni Csy. 11–185 B.C.
87. submitens Csy. 06–302 Ont.
88. compacta Csy. 06–302 R.I. Mo.
89. obesula Csy. 06–303 Pa.
90. micans Csy. 06–303 Miss.
91. egena Csy. 06–303 Pa. R.I.
92. exilis Csy. 06–304 Ont.
93. strictula Er. 40–191 Eur.&N.Am.?
(*Eudera* Fauv. 66–256)
94. geniculata Mäkl. 53–184 Alas.
(*Phanerota* Csy. 06–285)
95. fasciata (Say) 34–469 R.I. Pa.
vinula (Er.) 40–186 Ind.
96. ocularis Csy. 06–287 N.Y.
97. angularis Csy. 06–287 Tex.
98. floridana Csy. 06–288 Fla.
99. dissimilis (Er.) 40–186 Mo.Ind.Conn.
5000. peninsularis Csy. 06–289 L.Cal.
(*Phænogyra* Rey 71–76)
01. californica Csy. 06–352 Cal.
02. flavicincta Jek. 73–49 N.Am.
03. rufa Melsh. 44–31 N.Am.
04. polita (Grav.) 02–99 Eur.& N.Am.?
Mass.
05. pulchella Heer 38–310 Eur.& N.Am.?

MYRMEDONIINI

Xenodusa Wasm. 94–61
Pseudolomechusa Mann 14–174
5006. sharpi Wasm. 96–251 Mex.(U.S.?)
(*Lomechusa* ‡ Grav. 06–178)
(*Atemeles* ‡ Steph. 27–107)
07. caseyi Wasm. 97–273 Colo.

Xenodusa Wasm.
5008. cava (Lec.) 63–30 Pa.Ind. Conn.
a. lobata Csy. 11–71 Ia.
b. probata Csy. 11–71 Pa.
c. hirsuta Wasm. 93–102 Mich.
d. major Wasm. 99–410 Conn.
09. montana Csy. 86–202 Cal.

Xenodusa Wasm.
5010. reflexa (Walk.) 66–317 Vanc.
11. angusta (Fall) 01–219 So.Cal.
— globifer Fvl. mss.

Apteronina Wasm. 01–146
5012. schmitti Wasm. 01–147 Colo.

Symbiochara Fenyes 09–325
5013. lativentris Fenyes 09–326 So.Cal.

Myrmedonia Er. 39–286
(?*Zyras* Steph. 27–430)
5014. cremastogastris Wasm. 94–207 Ohio.
15. schmitti Ham. 95–346 Pa.
16. schwarzi Wasm. 94–207 D.C.
(*Myrmedonia* Er. s.str.)
(*Platyusa* Csy. 85–305)
17. sonomæ (Csy.) 85–305 Cal.
18. caliginosa Csy. 94–323 N.Y. Ind.
19. fauveli Sharp 83–199 La. So.Cal.
a. recisa Csy. 11–74 Pa.
b. angustula Csy. 94–323 Fla.
20. loricata Csy. 94–324 Can. Ohio.
21. carolinæ Csy. 11–72 N.C.
22. obliqua Csy. 94–325 N.Y.
23. rudis Lec. 66–372 Wash.
24. planifer Csy. 94–326 N.C. Ind.
25. criddlei Csy. 11–73 Man.
(*Nototaphra* Csy. 94–329)
(?*Myrmœcia* Rey 73–130)
26. lauta Csy. 94–327 N.Y
picta Wasm. 94–206 Mass.
27. lugubris Csy. 94–328 Colo.
— angularis Mäkl. 53–181 Alas.

Apalonia Csy. 06–323
5028. seticornis Csy. 06–324 Fla.
29. divisa Csy. 11–75 Kan.

Chlorotusa Csy. 06–324
5030. megalops Csy. 06–325 Tex.

Dinocoryna Csy. 94–319
5031. bisinuata Csy. 94–320 Fla.

Microdonia Csy. 94–318
5032. occipitalis Csy. 94–319 Tex. Ariz.
33. retrusa Csy. 11–74 Ariz.

Ecitonidia Wasm.00–283
5034. wheeleri Wasm. 00–284 Tex.

Ecitonusa Wasm.97–281
5035. schmitti Wasm. 97–282 N.C.
36. foreli Wasm. 99–410 N.C.

Hoplandria Kr. 57–4
5037. lateralis (Melsh.) 44–32 N.Am. Ind.
38. pulchra Kr. 57–6 La. Fla.
39. ochracea Kr. 57–6 N.Y. Ga. Miss.
40. texana Csy. 10–174 Tex. [Tex.
41. arizonica Csy. 10–175 Ariz.
42. carinata Csy. 10–175 Ohio.
43. lævicntris Csy. 10–176 Pa.
acudentata Dury 10–65 Ohio.
44. brittoni Csy. 11–161 Conn.

Platandria Csy. 94–345
5045. mormonica Csy. 94–346 Ut. Ind.
46. knausi Csy. 10–171 N.Mex.
47. carolinæ Csy. 10–172 N.C.
48. truncula Csy. 10–172 Neb.
49. deductor Csy. 10–173 Kan.
50. columbica Csy. 10–173 Or.

Tetrallus Bnhr. 05–252
5051. bicolor Bnhr. 06–343 Cal.
52. densepunctatus Bnhr. 05–254 Cal.
53. fenyesi Bnhr. 05–253 Cal.
54. trinitatis Csy. 11–162 No.Cal.
55. bernhaueri Csy. 11–163 So.Cal.

Trichiusa Csy. 94–339
(*Xesturida* Csy. 06–325)
5056. lævis Csy. 06–326 Miss. Ind.
(*Trichiusa* Csy. s.str.)
57. polita Csy. 06–327 D.C.
58. transversa Csy. 06–327 Ohio.
59. compacta Csy. 94–341 D.C.
60. parviceps Csy. 06–328 Ohio, Ind.
61. setigera Csy. 94–342 N.J.
62. monticola Csy. 06–328 Idaho.
63. columbica Csy. 11–76 B.C.
64. convergens Csy. 06–329 Tex.
65. hirsuta Csy. 06–329 Va.
66. pilosa Csy. 94–343 R.I.
67. atra Csy. 06–330 Kan. Ind.
68. postica Csy. 06–330 Can.
69. virginica Csy. 06–330 Va.
70. robustula Csy. 94–343 Ia.
71. rigida Csy. 06–331 Miss. Tex.
72. discreta Csy. 06–331 Idaho.
73. varicolor Csy. 06–332 Va.
74. parvicollis Csy. 94–344 Del.

Astilbus Steph. 27–106
(*Drusilla* || Lac. 35–554)
5075. cavicollis Csy. 06–322 Alas.

Ecitopora Wasm. 87–408
*5076. nitidiventris Brues 04–250 Tex.
77. tenella Wasm. 00–284 Tex.
78. laticollis Brues 02–368 Tex.

Thamiaraea Thoms. 58–35
5079. americana Bnhr. 07–401 Ia.

Schistoglossa Kr. 58–344
5080. viduata Er. 39–330 Eur.&N.Am.?

Tomoglossa Kr. 58–342
5081. luteicornis Er. 39–332 Eur.&N.Am. Ut.

Termitogaster Csy. 88–384
*5082. texanus Brues 02–186 Tex.

Tinotus Sharp 85–170
5083. caviceps Csy. 94–316 So.Cal. Nev.
84. paratus Csy. 11–64 Mont. [Ind.
85. pallidus Csy. 11–65 Ia.
86. brunneus Csy. 11–65 Pa.
87. binarius Csy. 11–66 Ariz.
88. trisectus Csy. 06–320 Idaho.

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* Termitophilous.

Tinotus Sharp

5089. imbricatus Csy. 94–317 N.Y.
90. texanus Csy. 11–67 Tex.
91. cœlebs Csy. 11–68 Tex.
92. fusinus Csy. 11–68 Tenn.
93. pectinellus Csy. 11–69 Ariz.
94. parvicornis Csy. 11–69 Tex.
95. densiventris Csy. 11–70 Tex.

*__Philotermes__ Kr. 57–13

*5096. fuchsi Kr. 57–15 Tenn.Fla.Ind.
*97. pennsylvanicus Kr. 57–15 Pa.Mass.D.C. Fla.
*98. pilosus Kr. 57–14 Mass.Pa.D.C. Tenn.Ind.Fla.

Atheta Thoms. 60–61
(*Homalota* ‡ auct.)
(*Atheta* Thoms. s. str.)

5099. divisa Märk. 45–213 Eur. Me. Pa. Cal. Mass.
5100. bidenticulata Bnhr. 07–399 So.Cal.
01. planaris Mäkl. 52–309 Alas. B.C. Mass. Cal.
02. coriaria Kr. 56–282 Eur. Mass.
03. crenulata Bnhr. 07–391 Wash. [Cal.
04. ventricosa Bnhr. 07–391 N.J.N.Y.N.C.
05. sodalis Er. 39–328 Cal. Eur. Alas. Wash. Mass.
06. nigritula Grav. 02–85 Eur.& W.Va. Pa. L.I. Cal.
07. tubericauda Bnhr. 09–520 Mass. [Can.
08. occidentalis Bnhr. 06–338 Cal.
09. euryptera Steph. 27–135 Eur.& Pa. Cal. Can.
10. subluccns Bnhr. 09–522 Cal. Nev. Id.
11. fulgens Bnhr. 07–392 W.Va.
12. virginica Bnhr. 07–393 Me.W.Va.Ind.
?crassicornis Fab. 92–529
13. vasta Mäkl. 53–183 Alas.
14. brumalis Csy. 10–32 B.C.
15. carlottæ Csy. 10–32 Alas.
16. wrangelica Csy. 11–91 Alas.
17. sumpta Csy. 11–92 B.C.
18. crenuliventris Bnhr. 07–393 Me.
19. oregonensis Bnhr. 09–523 Or.
castanoptera Mann. 30–77 Eur.&N.Am.?
20. frosti Bnhr. 09–520 Pa.N.H.Mass. W.Va. L.I.
21. basicornis Rey 51–42 Cal.
22. obsoleticollis Bnhr. 09–522 Colo. Mass.
23. unigranosa Bnhr. 09–521 Del. N.J. Ind.
24. metlakatlana Bnhr. 09–522 B.C.
?districta Csy. 11–113 B.C.
25. relicta Csy. 11–112 B.C.
26. alaskana Csy. 11–113 Alas.
27. rurigena Csy. 11–114 B.C.
28. mordax Csy. 11–115 B.C.
29. subretracta Csy. 11–115 Idaho.
30. concussa Csy. 11–116 Wash.
31. esmeraldæ Csy. 11–116 Nev.
32. klagesi Bnhr. 09–524 Pa. Me.
33. occidentalis Bnhr. 06–338 So.Cal.
34. orientis Bnhr. 09–525 Ga.
35. aspericauda Bnhr. 07–400 Fla.
36. barberæ Csy. 10–18 Cal.
37. pocahontas Csy. 10–19 Va.
38. vaticina Csy. 10–19 L.I.

Atheta Thoms.

5139. iterans Csy. 10–20 N.Y.
40. enitescens Csy. 10–20 N.Y.
41. sibylla Csy. 10–21 Va.
42. weedi Csy. 10–21 Miss.
43. arizonica Csy. 10–22 Ariz.
44. umbonalis Csy. 10–22 Ohio.
45. nevadensis Csy. 10–23 Nev.
46. rhodeana Csy. 10–24 R.I.
47. capella Csy. 10–24 R.I.
48. kansana Csy. 11–92 Kan.
49. rusticula Csy. 11–93 N.Y.
50. limulina Csy. 11–93 R.I.
51. catula Csy. 11–94 N.Y.
52. hilaris Fenyes 09–420 N.Mex.
53. candidula Csy. 11–94 N.Y.
54. diffisa Csy. 11–95 N.Y.
55. nata Csy. 11–95 R.I.
56. modiella Csy. 11–96 R.I.
57. villica Csy. 11–97 Pa.
58. amens Csy. 11–97 Pa.
59. vacillans Csy. 11–98 R.I.
60. comitata Csy. 10–24 R.I.
61. gnoma Csy. 10–25 N.Y.
62. elota Csy. 10–26 N.Y.
63. insidiosa Csy. 10–26 N.Y.
64. ducens Csy. 10–25 N.Y.
65. tradita Csy. 11–101 N.Y.
66. reformata Csy. 11–102 Wis.
67. fenisex Csy. 11–102 R.I.
68. vierecki Csy. 11–103 Conn.
69. auguralis Csy. 11–104 N.Y.
70. bifaria Csy. 11–104 D.C.
71. dama Csy. 10–27 N.Y.
72. temperans Csy. 10–27 D.C.
73. tractabilis Csy. 10–27 N.Y.
74. ordinata Csy. 10–28 N.Y.
75. civica Csy. 10–29 Cal.
?truncativentris Bnhr.07–400 So.Cal.
76. nexa Csy. 10–29 Pa.
77. propitia Csy. 11–99 N.C.
78. palpator Csy. 11–99 Ohio.
79. burra Csy. 11–100 Wis.
80. nacta Csy. 11–101 Mo.
81. strigulosa Csy. 10–30 N.Y.
82. remulsa Csy. 10–30 B.C.
83. dunni Csy. 10–31 So.Cal.
84. claricella Csy. 10–31 So.Cal.
85. blandita Csy. 10–32 Cal.
86. aperta Csy. 10–33 Cal.
87. discipula Csy. 10–33 N.Y.
88. marinica Csy. 10–34 Cal.
89. reposita Csy. 10–35 Ut.
90. ostenta Csy. 10–35 Ariz.
91. querula Csy. 10–36 Cal.
92. promota Csy. 10–36 Miss.
93. prolata Csy. 10–37 Cal.
94. novicia Csy. 11–105 Cal.
95. fugitans Csy. 11–106 Cal.
96. morbosa Csy. 11–107 Cal.
97. audens Csy. 11–107 Cal.
98. lepidula Csy. 11–108 Cal.
99. socors Csy. 11–108 So.Cal.
5200. repexa Csy. 11–109 Cal.
01. stoica Csy. 11–110 Cal.
02. intacta Csy. 11–110 Cal.
03. importuna Csy. 11–111 Cal.

* Termitophilous.

Atheta Thoms.

5204. mollicula Csy. 10–37 B.C.
05. neutralis Csy. 10–38 Cal.
06. fanatica Csy. 10–38 Alas.
07. luscitiosa Csy. 10–39 Cal.
08. innocens Csy. 10–39 Or.
09. nupera Csy. 10–40 L.I.
10. reticula Csy. 10–40 Va.
11. citata Csy. 10–41 N.Y.
12. nympha Csy. 10–42 N.Y.
13. discreta Csy. 10–42 N.Y.
14. disjuncta Csy. 10–43 Pa. N.C.
15. annexa Csy. 10–43 N.C
16. freta Csy. 10–44 N.Dak.
17. evecta Csy. 10–44 Miss.
18. replicans Csy. 10–44 Ia.
19. spadix Csy. 10–45 N.Y.
20. bucolica Csy. 10–46 Miss.
21. franklini Csy. 11–89 Pa.
22. postulans Csy. 11–90 B.C.
23. apposita Csy. 11–90 B.C.
24. loquax Csy. 11–117 Cal.
25. pallidicornis Thoms. 56–98 Eur.&N.Am.?
26. aquatica Thoms. 52–133 Sweden & N.Am.? Alas.
27. oraria Kr. 56–209 Eur.& N.Am.? Cal.
28. pertyi Heer 38–329 Helvetia, N.Am.?

(*Stethusa* Csy. 10–4)

29. klimschi Bnhr. 09–523
30. irvingi Csy. 10–5 N.C. N.Y. N.J. L.I. Conn.
a. affluens Csy. 10–5 R.I. L.I.
b. clarescans Csy. 11–77 N.Y.
c. videns Csy. 11–78 R.I.
d. cynica Csy. 11–78 R.I.
e. cernens Csy. 11–79 Miss.
31. galvestonica Csy. 10–6 Tex.
32. texana Csy. 10–6 Tex.
33. canonica Csy. 10–6 R.I.
34. sagax Csy. 10–7 Va.
35. sororella Csy. 10–7 N.Y.
36. officiosa Csy. 11–79 N.Y.
37. tuta Csy. 11–80 N.Y.
38. subdebilis Csy. 10–7 Mo.
39. spuriella Csy. 10–8 N.Y.
40. mendosa Csy. 10–8 Va.

(*Liogluta* Thoms. 60–54)

41. æmula Er. 40–102 Ind.Pa.Cal. N.H.
42. hypnorum Kies. 50–219 Eur.&Cal.
43. cavicceps Blatch. 10–354 Ind. [N.H.
44. sulcata Blatch. 10–355 Ind.
45. abdominalis Bnhr. 07–394 Cal.
46. granigera Kies. 50–218 Eur.&N.Am.?
47. insolens Csy. 10–16 Alas.

(*Macroterma* Csy. 06–335)

48. alutacea Csy. 06–335 N.Y.
49. borealis Csy. 06–336 N.H.
50. dentata Bnhr. 06–342 (*Earota*) Cal.Kan.Pa. Mass.O.N.H.
51. iowensis Csy. 10–10 Ia. [Ind.

(*Euromota* Csy. 06–338)

52. lucida Csy. 06–338 Va.N.J.

(*Anepsiota* Csy. 94–329)

53. quadricollis Csy 94–346 Vanc.

Atheta Thoms.

5254. terminalis Csy. 06–340 B.C.
55. torpens Csy. 10–13 Cal.
56. shastana Csy. 10–13 Cal.

(*Athetota* Csy. 06–336)

57. insignis (Csy.) 85–310 Cal.
58. wickhami (Csy.) 94–331 B.C.
59. atriventris Csy. 06–336 Vanc.

(*Athetalia* Csy. 10–14)

60. bicariniceps Csy. 10–14 Cal.
61. repensa Csy. 10–14 Cal.
62. nimia Csy. 10–15 B.C.

(*Homalotusa* Csy. 06–340)

63. helenica Csy. 06–340 Mont.
64. tahoensis Csy. 06–341 Cal.
65. fuscula Csy. 06–341 Id.
pallida Csy. 06–342 Id.
66. oregonina Csy. 10–11 Or.
67. manitobæ Csy. 11–81 Man.
68. lanei Csy. 10–10 Or.
69. mormon Csy. 10–11 Ut.
70. coloradensis Csy. 11–81 Colo.
71. lacustrina Csy. 10–11 Wis.
72. wisconsinica Csy. 10–12 Wis.

(*Megista* Rey 73–591)

73. nomadica Csy. 10–15 Alas.
74. graminicola Grav. 06–176 Eur.& N.Am.? Alas.Cal.Nfld.

(*Elytrusa* Csy. 06–334)

75. granulata Mann. 46–598 Alas.

(*Lamiota* Csy. 10–17)

76. keeni Csy. 10–17 B.C.
77. achromata Csy. 11–82 B.C.
78. profecta Csy. 11–83 B.C.
79. concessa Csy. 11–83 B.C.

(*Delphota* Csy. 10–17)

80. cephalina Csy. 10–18 Ia.
81. lymphatica Csy. 11–84 Ia.
82. regenerans Csy. 11–85 Ia.
83. perspicua Csy. 11–85 N.J.
84. logica Csy. 11–86 Pa.
85. delumbis Csy. 11–87 N.J.
86. callens Csy. 11–87 D.C.
87. oscitans Csy. 11–88 Cal.

(*Ceritaxa* Rey 73–381)

88. militaris Bnhr. 09–519 Cal.

(*Microdota* Rey 73–295)

89. picipennis Mann. 43–324 Alas. Cal. N.H.
90. alamedana Csy. 10–59 Cal.
91. saturata Csy. 10–59 Cal.
92. ficta Csy. 10–59 Cal.
93. properans Csy. 10–60 Cal.
94. repens Csy. 10–60 Cal.
95. perversa Csy. 10–61 Cal.
96. impressipennis Bnhr. 09–518 Mass.
97. ?amicula Steph. 27–132 Eur.& Wash.
98. pseudoatomaria Bnhr. 09–518 Me.
?atomaria Kr. 56–254 Eur.&N.Am.?
99. pratensis Mäkl. 52–308 Alas. Wash.
5300. festinans Er. 40–112 Ind.Mass.Pa. Me.Ont.Mich.
01. globicollis Bnhr. 07–388 Ont.
02. polita Melsh. 44–31 Pa. Ind.
03. luctifera Bnhr. 06–341 So.Cal. Wash.

Atheta Thoms.
5304. fulgida Bnhr. 07–399 So.Cal.
05. impressicollis Bnhr. 07–389 Cal. Wash.
06. holmbergi Bnhr. 07–389 Alas.
(*Hilara* Rey 73–298)
07. pennsylvanica Bnhr. 07–388 N.Y. R.I. Pa. Va. Ind.
?palleola Er. 39–333 Eur.& N.Am.?
08. unigena Csy. 10–62 N.Y.
09. validiceps Csy. 10–62 R.I.
10. nugator Csy. 10–63 R.I.
11. libens Csy. 10–63 R.I.
sejuncta Csy. 10–64 R.I.
12. fontis Csy. 11–122 Pa.
13. punctata Blatch. 10–355 Ind.
(*Philhygra* Rey 73–308)
14. palustris Kies. 44–318 Tex.S.C.Mo. Can. N.Y.Ill. Eur.& N.H. Ind.
15. nitens Mäkl. 52–307 Alas. Wash.
16. repanda Csy. 10–65 N.J. N.Y.
17. astuta Csy. 10–65 Pa.
18. frugalis Csy. 10–66 N.Y.
19. leviceps Csy. 10–66 N.Y.
20. houstoni Csy. 10–67 Tex.
(*Pseudomegista* Bnhr. 07–390)
21. nigropolita Bnhr. 07–390 N.H.
(*Athetæ of uncertain position*)
22. comparabilis Mäkl. 53–181 Alas.
23. exigua Say 36–156 Ind.
24. falsifica Say 36–155 N.Am.
25. indentata Say 34–469 Pa.
26. littoralis Mäkl. 53–182 Alas.
27. minima Say 36–156 N.Am.
28. pallitarsis Kby. 37–90 Can.
29. pedicularis Melsh. 44–31 N.Am.
30. quadripunctata Say 34–470 Mo.Ind.
31. semicarinata Say 34–470 Mo.
32. silacea Er. 40–120 N.Am.
33. vestigialis Er. 40–112 Pa.
34. islandica Kr. 57–284 Greenland

Daya Fauv. 77–147
5335. gigantula (Lec.) 77–239 Tex.

Traumœcia Rey 73–63
(*Pelioptera* Kr. 57–55)
5336. militaris Csy. 11–118 Alas.
37. tenuicula Csy. 11–118 Man.
38. obsequens Csy. 11–119 N.Y.
39. algophila Fenyes 09–419 So.Cal.
(*Halobrechtha* Thoms. 60–49)
(*Halobrecthina* Bnhr. 09–519)
40. opaciceps Bnhr. 09–519 Mass.
(*Anopleta* Rey 75–20)
41. arcana Er. 40–93 Eur.& Wash.
(*Adota* Csy. 10–67)
42. massettensis Csy. 10–67 Alas.
a. subintima Csy. 10–67 B.C.
43. gnypetoides Csy. 10–68 So.Cal.
44. definita Csy. 11–123 Cal.
45. scortea Csy. 11–124 Cal.
46. scolopacina Csy. 11–124 Cal.
47. insons Csy. 11–125 So.Cal.
48. pavidula Csy. 11–126 Cal.
49. irrita Csy. 11–126 Nev.

Traumœcia Rey
(*Rovalida* Csy. 10–69)
5350. cribraticeps Csy. 10–69 R.I.
51. piceicornis Csy. 10–70 N.J.
monroei Csy. 10–71 Va.
52. submarina Csy. 10–70 N.J.
(*Panolota* Csy. 10–71)
53. setositarsis Csy. 10–71 Cal.
*?
54. ithacana Csy. 10–46 N.Y.
55. orbiceps Csy. 10–47 Ia.
56. subdola Csy. 10–47 Wis.
57. asperiola Csy. 10–47 N.Y.
(*Donesia* Csy. 10–48)
58. temporalis Csy. 10–48 R.I.
59. restricta Csy. 11–120 Va.
(*Micrearata* Csy. 10–49)
60. loricula Csy. 10–49 Ia.
61. reperta Csy. 10–50 Ia.
62. definita Csy. 10–50 Tex.
63. versuta Csy. 10–50 R.I.
64. gregaria Csy. 10–51 Ia.
65. pristina Csy. 10–51 R.I.
66. fecunda Csy. 10–52 N.Y.
67. sana Csy. 10–52 Pa.
68. tincta Csy. 10–53 N.Y.
(*Micratheta* Csy. 10–53)
69. caudex Csy. 10–53 Va.
(*Phasmota* Csy. 10–54)
70. ingratula Csy. 10–54 Miss.
(*Crepholia* Csy. 10–54)
71. recessa Csy. 10–55 N.Y.
72. prolongata Csy. 10–55 Mo.
73. testata Csy. 10–56 Pa.
(*Nemota* Csy. 10–56)
74. paganella Csy. 10–56 Cal.
75. filiola Csy. 10–57 So.Cal.
76. timida Csy. 10–57 Cal.
77. perpera Csy. 10–58 Cal.
78. perspecta Csy. 10–58 Cal.
79. meticulosa Csy. 11–121 Cal.
80. informalis Csy. 11–121 Cal.
81. marcescens Csy. 11–122 Colo.

Tarphiota Csy. 94–332
5382. fucicola Mäkl. 52–306 Alas. So.Cal.
debilicollis Csy. 10–75 Vanc. B.C.
83. geniculata Mäkl. 52–308 Cal. Alas.
litorina Csy. 10–75 Cal.
hirsitula Csy. 10–75 Cal.
iota Csy. 10–76 Cal.
insolita Csy. 10–76 Alas. B.C.
seditiosa Csy. 10–76 Alas. B.C.
pallidipes Csy. 94–333 So.Cal.

Dinaræa Thoms. 60–289
5384. subdepressa Bnhr. 07–386 N.H.
85. nomensis Csy. 10–06 Alas.
— angustula Gyll. 101–393 ?N.Y. Eur.

Meotica Rey 75–70
5386. exilis Er. 39–333 Eur.& Me.

Metaxya Rey 75–147
5387. centropunctata Bnhr. 09–515 Cal.

Metaxya Rey

5388. fusca Sahlb. 17–371 Eur.& Colo.
89. angusticauda Bnhr. 09–516 N.H. B.C. Alas.
90. elongatula (Grav.) 02–79 Colo. & Eur.
91. approximata Bnhr. 09–516 Mass.
92. proterminalis Bnhr. 07–383 Pa. Colo.
93. melanocera Thoms. 56–94 Eur.&Alas. Wash.Cal. Mass.
94. satanas Bnrh. 07–383 Alb. Cal.
95. aubei Bris. 60–339 Eur. & Alas. Mass.
96. gemina Er. 39–330 Eur. & Wash.
97. polaris Bnhr. 00–536 Alas.Wis. Norway.
98. lævicollis Mäkl. 52–306 Alas. Wash.
99. angusticornis Bnhr. 07–384 N.H.
5400. californica Bnhr. 07–385 Cal.
01. dichroa (Grav.) 02–186 Ind.Mo.W.Va. Pa. Cal.
02. maritima Mann. 43–224 Alas.Cal.B.C.
03. bellula Csy. 10–77 R.I.
04. discrepans Csy. 10–77 Ia.
05. invenusta Csy. 10–78 Ut.
06. elusa Csy. 10–78 Ia.
07. bracata Csy. 10–79 Nev.
08. deceptor Csy. 10–79 N.Mex.
09. discreta Csy. 10–79 Nev.
10. adjuncta Csy. 10–80 Cal.
11. fatua Csy. 10–80 Cal.
12. famula Csy. 10–81 Cal.
13. impotens Csy. 10–81 R.I.
a. albanica Csy. 11–131 N.Y.
14. delectans Csy. 10–82 Or.
15. plutonica Csy. 10–82 N.H.
16. suffusca Csy. 10–83 Cal.
17. subpolaris Fenyes 09–423 Ariz.
18. awemeana Csy. 11–132 Man.
19. prognata Csy. 11–133 B.C.
20. badeola Csy. 11–133 Cal.
a. mateana Csy. 11–134 Cal.
21. erudita Csy. 11–135 Man.
22. surrufa Csy. 11–135 Man.
23. varula Csy. 11–136 Man.
24. criddlei Csy. 11–137 Man.

(*Paramecotica* Ganglb. 95–228)

25. complana Mann. 30–79 Eur.&Pa.Wis.
26. delicata Bnhr. 06–340 So.Cal. [Mass.
27. americana Bnhr. 07–386 So.Cal.
sexualis || Bnhr. 06–339 So.Cal.

(*Dralica* Rey 75–212)

28. pseudovilis Bnhr. 07–386 Cal.

(*Orcostiba* Ganglb. 95–146

29. sibirica (Mäkl. 80?) Sahlb. 80–93 N.H. Sib.

(*Hygræcia* Rey 75–279)

30. fallaciosa Sharp 69–157 Cal. Wash.

Hydrosmecta Thoms. 60–13

5431. dulcis Csy. 10–87 Wis.
32. caduca Csy. 10–87 N.Y.
33. odiosica Csy. 11–138 Cal.
34. callidula Csy. 10–87 Cal.
35. benigna Csy. 10–88 Cal.
36. fastidiosa Csy. 11–139 Cal.
37. jugalis Csy. 10–89 Cal.
38. subparilis Csy. 10–89 Cal.
39. rarula Csy. 10–90 N.Y.

Hydrosmecta Thoms.

5440. salinasica Csy. 11–139 Cal.

(*Novercta* Csy. 10–90)

41. ornatella Csy. 10–90 N.J.
42. decora Csy. 10–91 Miss.
43. improvisa Csy. 10–91 Tex.
44. personata Csy. 10–92 Va.
45. clemens Csy. 10–92 Wis.
46. finitima Csy. 10–93 R.I.
47. scenica Csy. 10–93 N.Y.

(*Omegalia* Csy. 10–94)

48. abjecta Csy. 10–94 Cal.
49. vieta Csy. 10–94 Cal.

(*Iotota* Csy. 10–95)

50. tepida Csy. 10–95 Cal.
51. unica Csy. 10–95 Cal.

(*Hydrosmectina* Ganglb. 95–145)

52. subtilior Bnhr. 07–396 So.Cal.

Aloconota Thoms. 60–7

5453. sulcifrons Steph. 27–121 Eur.& N.Am.?
54. cambrica Woll. 55–205 Cal. [N.Y.
55. insecta Thoms. 56–93 Mass. W.Va.
56. admista Csy. 10–84 Ia.
57. incertula Csy. 10–84 Va.

(*Terasota* Csy. 06–337)

58. perdita Csy. 10–85 Cal.
59. brunncipes Csy. 06–337 N.Y.
60. intecta Csy. 10–86 N.C.

(*Taphrodota* Csy. 06–338)

61. ventralis Csy. 06–339 N.Y.

Dilacra Thoms. 60–31

(*Paradilacra* Bnhr. 09–417)

5462. ambigua Er. 40–134 Mass. Cal.
63. densissima Bnhr. 09–517 Cal. N.Dak.
64. persola Csy. 10–72 Cal.
65. willamettа Csy. 10–73 Or.
66. uintana Csy. 10–73 Ut. Nev.
67. glenorica Csy. 10–74 B.C.
68. symbolicæ Csy. 11–127 Cal.
69. erebea Csy. 11–128 Cal.
a. subægua Csy. 11–128 Cal.
b. vulgatula Csy. 11–130 Cal.
70. sinistra Csy. 11–129 Cal.
71. memnonia Csy. 11–130 Cal.
72. deserticola Csy. 11–131 Nev.

Amischa Thoms. 60–292

5473. analis (Grav.) 02–76 Eur.&Cal.Ont. Pa.N.Eng.Ind.
74. cavifrons Shp. 69–177 Eur.&N.Am.? Ind. N.C.Mo.
75. propera Say 34–470 Cal.
76. flavicornis Bnhr. 09–527 Pa.
77. continentalis Bnhr. 09–528 Ia.Pa.
78. normalis Csy. 10–97 N.Y.
79. curtipennis Shp. 69–173 N.H. Mass.& Eur.
80. filaria (Fauv.) 72–745 Eur.&N.Am.?
81. parviceps (Csy.) 94–338 Wash.
82. angusta (Csy.) 94–339 Nev.
83. devincta Csy. 10–98 Cal.
84. colonia Csy. 10–98 Cal.

(*Colposura* Csy. 94–336)

85. prælonga Csy. 94–337 Wy.
86. tersa Csy. 10–99 Colo.

Amischa Thoms.

(*Amidobia* Thoms. 60–295)
5487. talpa Heer 38–594 Mass. Eur.& N.Am.?

(*Valenusa* Csy. 06–342)
88. parallela Csy. 06–342 So.Cal.

Sipalia Thoms. 60–105
5489. fontana Csy. 11–157 Pa.

(*Ousipalia* Gozis 86–13)
90. sparsepunctata Bnhr. 07–398 So.Cal.
91. parvipennis Bnhr. 07–398 Alb.
92. lineatula Csy. 10–167 Ia.

(*Sibiota* Csy. 06–350)
93. fossata Csy. 10–167 Or.
94. impressula Csy. 06–350 Or.
95. hesperica Csy. 10–169 Cal.
96. pacifica Csy. 10–169 Cal.-Vanc.
97. turpicula Csy. 10–170 Colo.

(*Sonomota* Csy. 11–158)
98. lippa Csy. 11–158 Cal.

(*Sipaliella* Csy. 11–159)
99. filaria Csy. 11–159 R.I.

(*Asthanesita* Csy. 94–365)
5500. pallens Csy. 94–366 Fla.

(*Gaenima* Csy. 11–160)
01. impedita Csy. 11–161 Cal.

Datomicra Rey 73–355
5502. canescens Sharp 69–239 Eur.&Wash. N.C.
03. sordidula Er. 39–335 W.Va. & Eur.
04. celata Er. 39–335 Mass.W.Va.&
05. baringiana Bnhr. 07–396 Wash. [Eur.
06. zosteræ Thoms. 56–103 Cal. & Eur.
07. decolorata Csy. 10–120 N.Y.
08. inopia Csy. 10–120 N.Y.
09. schematica Csy. 10–121 Pa.
10. pomonæ Csy. 10–121 So.Cal.
11. diffidens Csy. 10–122 N.Y.
12. vacans Csy. 10–122 N.Y.
13. incumbens Csy. 10–123 Nev.
14. stilla Csy. 10–123 R.I.
15. pellax Csy. 10–124 R.I.
16. coruscula Csy. 10–124 Cal.
17. hebescens Csy. 10–124 N.Y.
18. sectater Csy. 10–102 Cal.
insolida Csy. 10–125 Cal.
19. surgens Csy. 10–125 B.C.
20. wrangeli Csy. 10–126 Alas.
21. vaciva Csy. 10–126 Mass.

(*Micromota* Csy. 10–127)
22. filiformis Csy. 10–127 N.Y.

(*Hilarina* Csy. 10–128)
23. particula Csy. 10–128 R.I. N.Y.
24. inanis Csy. 10–129 Pa.
25. mina Csy. 11–153 Conn.
26. atomica Csy. 11–153 N.Y.

(*Oligomia* Csy. 10–129)
27. scintilla Csy. 10–129 Cal.
28. perpaula Csy. 10–130 Cal.

(*Monadia* Csy. 10–130)
29. lucana Csy. 10–130 L.Cal.

Synaptina Csy. 10–131
5530. merica Csy. 10–131 Ia.
31. consonens Csy. 10–132 R.I. N.Y. Ia.
32. quæsita Csy. 10–132 Ia.
33. disparilis Csy. 10–133 Cal.

Badura Rey 73–279
5534. parvula Mann. 30–84 Eur. & N. Am.

Clusiota Csy. 10–119
5535. claviventris Csy. 10–119 B.C.

Dimetrota Rey 73–401
5536. setigera Sharp 69–251 N.H.&Eur.
37. hampshirensis Bnhr. 09–525 N.H.
38. picipennis Mann. 43–324 Alas.-So.Cal.
39. subrugosa Kies. 48–318 B.C.&Eur.
40. moesta Mäkl. 52–307 Alas. Cal.
41. columbica Bnhr. 07–394 B.C.
42. fenyesi Bnhr. 07–395 So.Cal.
43. marcida Er. 39–328 Pa. & Eur.
44. cursor Mäkl. 52–307 Alas.So.Cal. N.Eng.
45. recondita Er. 40–123 Pa.Cal. Ariz. N.H.
46. macrocera Thoms. 56–106 Pa.&Eur. Ind.
47. resima Csy. 10–100 Cal.
48. immerita Csy. 10–141 Cal.
49. incredula Csy. 10–141 Cal.
50. opinata Csy. 10–142 Cal.
51. cerebrosa Csy. 10–142 Cal.
52. nuptalis Csy. 10–100 R.I.
53. omissa Csy. 10–101 Alas.
54. vicaria Csy. 10–101 Alas.
55. vacunalis Csy. 10–102 Cal.
56. retrusa Csy. 10–103 B.C.
57. vigilans Csy. 10–103 So.Cal.
58. revoluta Csy. 10–104 Id.
59. resplendens Csy. 10–104 Alas.
60. novella Csy. 10–105 L.I.
61. sentiens Csy. 10–105 Kan.
62. ketula Fenyes 09–421 ?
63. neomexicana Fenyes 09–422 N.Mex.
64. nigrita Fenyes 09–423 Cal.

(*Engamota* Csy. 10–151)
65. ahsona Csy. 10–152 So.Cal.

(*Dimetrotina* Csy. 11–143)
66. vaniuscula Csy. 11–144 Nev.

(*Dalotia* Csy. 10–106)
67. pectorina Csy. 10–106 Cal.
crucialis Csy. 10–107 Cal.

Sableta Csy. 10–107
5568. infulata Csy. 10–107 Miss.
(*Canastota* Csy. 10–108)
69. canadensis Csy. 10–108 Can.
70. flaveola Melsb. 44–30 Mass.Pa.Mo. W.Va. Ind.
71. nanella Csy. 06–276 Pa.
beatula (Csy.) 10–109 Pa.
72. ornator Csy. 10–110 N.Y.
73. longiclava Csy. 10–110 R.I.
74. phrenetica Csy. 10–111 B.C.
75. flaviventris Csy. 10–111 Tex.

(*Anatheta* Csy. 10–112)
76. planulicollis Csy. 10–112 Kan.
77. curata Csy. 10–112 Va.

Sableta Csy.
(*Taxicerella* Csy. 10–113)
5578. remissa Csy. 10–113 Pa.
79. immunis Csy. 10–114 Cal.
(*Fusalia* Csy. 11–145)
80. brittoni Csy. 11–145 Conn.

Pseudota Csy. 10–114
5581. dissensa Csy. 10–115 Pa.
82. miscella Csy. 10–115 N.J.
83. sitiens Csy. 10–116 Ia.
84. præsaga Csy. 10–116 Cal.
85. irrupta Csy. 10–117 B.C.
86. nescia Csy. 10–117 Alas.
87. pimalis Csy. 10–118 Ariz.
88. puricula Csy. 11–148 N.Y.
89. fascinans Csy. 11–148 N.Y.
90. nugatoria Csy. 11–149 Pa.
91. clienta Csy. 11–150 Miss.
92. vana Csy. 11–150 Alas.
93. cornicula Csy. 11–151 B.C.
94. nanulina Csy. 11–152 B.C.
95. formalis Csy. 11–152 B.C.

Nosora Csy. 11–145
5596. meticola Csy. 11–146 Ariz.

Rhodeota Csy. 11–147
5597. tartarea (Csy.) 10–168 R.I.

Arisota Csy. 10–133
5598. tetricula Csy. 10–134 N.Y.
99. insueta Csy. 10–134 R.I.
5600. pomonensis Csy. 10–135 So.Cal.
01. speculifer Csy. 10–135 Cal.
02. apacheella Csy. 10–135 Ariz.
03. umbrina Csy. 10–136 So.Cal.Nev. Ariz.

Pancota Csy. 06–345
(*Dolosota* Csy. 10–136)
5604. collaris Csy. 06–346 [1] N.Y.
*
05. redundans (Csy.) 10–137 N.Y.
a. tergina (Csy.) 10–138 Pa.
06. sequax (Csy.) 10–138 Ia.
07. secunda (Csy.) 10–138 Ia.
08. flaccida (Csy.) 10–139 Miss.
09. abundans (Csy.) 10–139 Mo.
10. cupiens (Csy.) 10–140 N.Y.
11. ketabilis Csy. 11–154 N.Y.
12. vafra (Csy.) 10–140 N.C.
13. comis (Csy.) 10–140 Ia.
**
14. ?lutcola Er. 40–114 Mich.Wis.Ind.
15. lacertina (Csy.) 10–141 R.I.
16. restricta (Csy.) 10–142 Miss.
17. alumna (Csy.) 10–142 Ia. Mo.
18. euphonia (Csy.) 10–143 N.Y.
19. sophista (Csy.) 10–143 Ia.
20. panda (Csy.) 10–143 R.I.Pa.D.C.
21. serva (Csy.) 10–144 Mass. [N.C.
(*Microlia* Csy. 10–144)
22. petulans (Csy.) 10–145 N.J.
(*Aremia* Csy. 10–145)
23. reclusa Csy. 10–146 N.Y.

Pancota Csy.
(*Reania* Csy. 10–146)
5624. fontinalis (Csy.) 10–146 Colo.

Acrotona Thoms.60–35
(*Achromota* Csy. 93–300)
5625. pygmæa (Grav.) 02–86 [1] Mass.&Eur.
26. parva (Sahlb.) 17–380 Eur.& Pa. Mass.Id.Mo. Cal.N.J.S.C. Nfld. Greenl.
27. fungi (Grav.) 06–157 Eur.&Mass. Ont. Wash. Alas.
28. orbata (Er.) 39–339 Eur.&Ont.
29. breviuscula (Mäkl.) 52–309 Alas. [Alb.
30. clientula (Er.) 40–133 Eur.& N.Am?
31. modesta (Melsh.) 44–31 W.Va. Me. N.Y.
32. pasadenæ Bnhr. 06–338 So.Cal. Pa.
33. ?fuscipes (Heer) 38–323 Pa. Eur.
34. subpygmæa Bnhr. 09–526 Mass. Ind.
35. bakeri Bnhr. 09–526 Pa.
36. fusiformis (Csy.) 93–301 N.Y.
37. lividula Csy. 10–147 Or.
38. digesta Csy. 10–148 Cal.
39. shastanica Csy. 10–148 Cal.
40. severa Csy. 10–148 Cal.
41. prudens Csy. 10–149 Alas.B.C.
42. adjuvans Csy. 10–149 Can.
43. renoica Csy. 10–150 Nev.
44. ardelio Csy. 10–150 Cal.
45. malaca Csy. 10–151 Cal.
(*Neada* Csy. 10–152)
46. lubricans Csy. 10–153 R.I.
?fulgens Bnhr. 07–392 W.Va.

Eurypronota Csy. 94–334
5647. discreta Csy. 94–335 Ia.
48. scapula Csy. 94–335 R.I.

Colpodota Rey 73–175
5649. avia Csy. 10–154 R.I.
50. puritana Csy. 10–154 Mass.
51. insulsa Csy. 10–155 R.I.
52. acuminata Csy. 10–155 R.I.
53. acutella Csy. 10–156 N.Y.
a. simulata Csy. 10–156 Mo.
54. egregiella Csy. 10–156 N.Y.
55. sobria Csy. 10–157 Miss.
56. turbans Csy. 10–157 Tex.
57. austiniana Csy. 10–158 Tex.
58. defessa Csy. 10–158 R.I.
59. assecla Csy. 10–158 N.Y.
60. sequestralis Csy. 10–159 Ia.
61. trossula Csy. 10–159 Ariz.
62. zephyrina Csy. 10–160 Cal.
63. egens Csy. 10–160 Cal.
64. fatigans Csy. 10–161 Cal.
65. torvula Csy. 10–161 Cal.
66. sonomana Csy. 10–162 Cal.
67. inceptor Csy. 10–162 Cal.
68. abdicans Csy. 10–163 Cal.
69. repentina Csy. 10–163 So Cal.
70. laxella Csy. 10–164 Cal.
71. pupilla Csy. 11–155 Cal.
72. fortuita Csy. 10–164 Mass.
73. aterrima (Grav.) 06–94 [2] Eur. Can.

[1] See No. 4855.
[2] Mr. Howard Notman has called attention to possibility of error in generic position of 5625 and 5673.

Eurynotida Csy. 06–343
5674. ornata Csy. 06–343 Tex.
75. arizonica Csy. 06–344 Ariz.
— ?pulchra Kr. 56–156

Ancillota Csy. 10–165
5676. sollemnis Csy. 10–165 Mo.

Moluciba Csy. 11–156
5677. grandipennis Csy. 11–156 B.C.

Coprothassa Thoms. 60–33
5678. sordida (Marsh.) 02–514 La. Kan. Tex. L.Sup. Mich. Colo. Pa. N.Y. O.Can. Ind.
79. smithi Csy. 10–166 N.Y. [Cosmop.
80. laurentiana Blatch. 10–357 Ind.

Strigota Csy. 10–176
5681. oppidana Csy. 10–177 N.Y.
82. gnava Csy. 10–177 N.C.
83. verecunda Csy. 10–178 Ia.
84. assueta Csy. 10–178 Mo.
85. mediocris Csy. 10–179 Tex.
86. vapida Csy. 10–179 N.Mex.
87. perplexa Csy. 10–180 Colo.
88. inculta Csy. 10–180 Nev.
89. impiger Csy. 10–181 Wash.
90. intrudens Csy. 10–181 Cal.
91. placata Csy. 10–182 Cal.
92. seducens Csy. 10–182 Cal.
93. obliquata Csy. 10–183 Cal.
94. recta Csy. 11–165 Conn.
(*Eustrigota* Csy. 11–165)
95. seclusa Csy. 11–165 So.Cal.

Brachyusa Rey 75–351
5696. raptoria (Woll.) 54–542 Madeira& N.Am.

Pontomalota Csy. 85–296
5697. bakeri Bnhr. 12–170 So.Cal.
98. opaca (Lec.) 63–28 So.Cal.
99. californica Csy. 85–298 Cal.
5700. luctuosa Csy. 11–164 Alas.
01. nigriceps Csy. 85–299 Cal.

Gnypeta Thoms. 60–6
5702. nigrella (Lec.) 63–29 Ind.Pa.Mass. N.Y. Md.
brunnescens Csy. 11–167 N.Y.
03. baltifera (Lec.) 63–29 (*Gnypetoma*) C.I. N.J. Ind.
04. laticollis (Csy.) 85–289 (*Eliusa*) Cal.
lucens Bnhr. 05–254 So.Cal.
ventralis Csy. 06–194 Ariz.
impressiceps Csy. 06–199 So.Cal.
majuscula Csy. 06–217 Ariz.
sparsella Csy. 06–217 So.Cal.
elsinorica Csy. 06–218 So.Cal.
transversa Csy. 06–218 So.Cal.
mollis Csy. 06–219 So.Cal.
pimalis Csy. 06–220 Ariz.
citrina Csy. 06–220 So.Cal.
modica Csy. 11–170 Ariz.
limulata Csy. 11–170 So.Cal.
05. experta (Csy.) 85–300 Cal.
linearis (Csy.) 85–301 Cal.
sensilis Csy. 11–170 So.Cal.

Gnypeta Thoms.
5706. harfordi (Csy.) 85–304 Cal.
curtipennis Csy. 06–201 No.Cal.
abducens Csy. 06–201 Or.
shastana Csy. 06–202 No.Cal.
pallidipes Csy. 11–168 Wash.
07. crebrepunctata (Csy.) 86–203 Cal.Or.
08. atrolucens Csy.'94–346 N.H Vt. No. N.Y.
09. helenæ Csy. 06–193 Colo.-Cal.
oregona Csy. 06–199 Or. [Mont.
deserticola Csy. 06–193 Ariz.
punctulata Csy. 06–194 So.Cal.
wickhami Csy. 11–166 Ariz.
boulderensis Csy. 11–167 Colo.
oblata Csy. 11–168 No.Cal.
10. floridana Csy. 06–195 Fla.
11. boekiana Csy. 06–195 Mo.Ark.Tenn.
manitobæ Csy. 06–196 Man. [Tex.
12. brevicornis Csy. 06–196 B.C.
13. incrassata Csy. 06–198 Mont. Ut.
leviventris Csy. 06–198 Cal.
14. uteana Csy. 11–169 Ut.

Teliusa Csy. 06–203
5715. malaca Csy. 11–172 Tex.
16. alutacea Csy. 06–204 Tex.
17. cavicollis Sahlb. 80 Greenland

Gnypetella Csy. 06–214
5718. laticeps (Csy.) 85–302
19. placidula Csy. 06–215 So.Cal.

Trachyota Csy. 06–190
5720. cavipennis (Lec.) 66–372 Cal.So.Cal.
21. lativentris Csy. 06–191 So.Cal.

Tachyusa Er. 39–307
5722. smithi Csy. 06–206 N.Y.
23. gracillima Lec. 63–29 Va. Ind.
24. virginica Csy. 11–172 Va.
25. americana Csy. 06–207 N.Y.Pa.O. [Ind.
26. silvatica Csy. 11–173 N.Y.
27. meraca Csy. 11–174 Mass.
28. carolinæ Csy. 06–207 N.C.
29. ohioana Csy. 11–174 Ohio.
30. cavicollis Lec. 63–29 Mass.Ind.
31. obsoleta Csy. 06–208 N.C.
32. parviceps Csy. 06–208 Pa.
33. objecta Rey 70–183 France &
34. subalutacea Csy. 06–209 N.C. [N.Am?
35. missouriana Csy. 06–209 Mo.
36. pruinosa Csy. 06–210 N.Y.
37. dakotana Csy. 06–210 N.Dak.
38. illini Csy. 06–210 Mo.
39. ornatella Csy. 06–211 Tex.
40. arida Csy. 06–211 So.Cal.
41. faceta Csy. 85–302 Cal.
42. vespertina Csy. 06–212 So.Cal.
vacica Csy. 11–175 Cal.
— ?nitidula Fauv. mss. Nfld.

Meronera Sharp 85–779
(*Merona* || Sharp 85–229)
5743. venustula (Er.) 40–55 R.I.-Fla. Ia.
44. montana Csy. 06–222 Tex.-Ut. [Ind.
45. obliqua Csy. 06–223 N.Y.

Myrmecopora Saulcy 64–429
(*Ilyusa* Rey 75–419)
(*Xenusa* Rey 75–410)
5746. vaga (Lec.) 66–371 L.Sup.
— crassiuscula Aubé 50–301 So.Eur.
pygmæa Sachse 52–115 N.Am.in error.

Falagriæ
Fenyes, 12

Borboropora Kr. 62–405
(*Orthagria* Csy. 06–260)
(*Ancurota* Csy. 06–260)
(*Pseudoscopæus* Weise 76–8)
5747. quadriceps (Lec.) 66–371 N.Y.Pa.W.Va.
48. grandis Bnhr. 05–21 N.Am.
49. sulcifrons (Csy.) 93–348 Fla.

Cardiola Rey 75–452.
5750. obscura (Grav.) 02–74 Eur.Pa.N.Y.

Aleodorus Say 36–157
(*Chitalia* Sharp 83–235)
5751. bilobatus Say 36–156 Mo.-Mass.
scutellaris (Lec.) 66–370 N.Y. [Ind.
granulosus (Csy.) 06–235 Miss. Md.
illustris (Csy.) 06–235 Miss.
canadensis (Csy.) 06–236 Que.
nigrescens (Csy.) 06–236 Ia.
turbatus (Csy.) 11–176 N.J.
52. intricatus (Csy.) 06–234 N.Mex.Colo. Ariz.
53. partitus (Lec.) 66–371 Fla.Ala.La.
floridanus (Csy.) 06–237 Fla.
novellus (Csy.) 11–176 Tex.

Falagriota Csy. 06–229
5754. occidua Csy. 85–285 Cal.
lucida Csy. 06–257 Cal.
asperula Csy. 06–257 Cal.
picina Csy. 06–257 Cal.
evanescens Csy. 06–258 Cal.

Falagriota Csy.
collaris Csy. 06–258 Cal.
parvipennis Csy. 06–259 Cal.

Falagria Mann. 30–12
5755. dissecta Er. 40–49 U.S. & Can.Ct.
iowana Csy. 06–247 Ia. [Ind.
ithacana Csy. 06–247 N.Y.
subsimilis Csy. 06–248 Colo.N.Mex.
texana Csy. 06–248 Tex.
angulata Csy. 06–249 Ut.
sterilis Csy. 11–178 Ut.

Lissagria Csy. 06–228
5756. læviuscula (Lec.) 66–371 Cal.So.Cal.
fissilis Csy. 06–254 Cal.
robusta Csy. 06–254 Cal.
a. impressifrons Csy. 06–254 Cal.
minuscula Csy. 06–254 Cal.
longicollis Csy. 06–255 Cal.

Lorinota Csy. 06–226
5757. cingulata (Lec) 66–370 N.Y.-Mo.Ind.
tenuicornis Csy. 06–243 Ohio, Ia. [Fla.
gracilis Csy. 06–244 N.C.
bilimbata Csy. 06–245 Ia.
sinuosa Csy. 11–178 Wis.
58. caviceps Csy. 06–240 N.Mex. Ariz.
pinalica Csy. 06–241 Ariz.
59. arizonica Csy. 06–241 Ariz.Colo.Ut.
fontinalis Csy. 06–241 Colo. [N.Mex.
acomana Csy. 06–242 N.Mex.
60. parva Csy. 06–244 Fla.

Anaulacaspis Ganglb. 95–255
(*Falagrioma* Csy. 06–226)
(*Melagria* Csy. 06–227)
(*Leptagria* Csy. 06–227)
(*Falagriola* Reitt. 09–74)
5761. longipes (Woll.) 71–284 Ga.Eur.Asia.
62. perexilis (Csy.) 06–250 Tex.
hudsonica (Csy.) 06–251 N.J.

ALEOCHARINI

Alcocharæ
Aleochara Grav. 02–67
(*Alcochara* Grav. s.str.)
5763. curtula Goeze 77–730 Eur. & N.Am.
fuscipes Fab. 92–266 Eur. Can.-
brachyptera Fourc. 85–167 Eur. Fla.
64. lustrica Say 36–468 L.I. Ind. Va. La.Miss.
a. sternalis Csy. 06–138 N.Y.
65. crassicornis B. & L. 35–531 Eur.&N.Am.?
66. lata Grav. 02–186 Fla.Nfld.Va. Ia. Ind.N.Y.
67. rubripes Blatch. 10–365 Ind. [Cosmop.
68. texana Csy. 06–137 Tex.
69. fusicornis Csy. 06–138 N.E.Am.
70. algonquina Csy. 06–139 Ohio.
71. medialis Csy. 06–140 N.Y.
72. tahoensis Csy. 06–141 Cal.
73. kansana Csy. 06–141 Kan.
a. ellipsicollis Csy. 06–142 Kan.
74. pleuralis Csy. 06–141 N.Y. Ind.
75. americana Csy. 06–142 Mass.
76. postpicta Csy. 06–142 Colo.
77. montanica Csy. 06–143 Mont.
78. thoracica Csy. 93–286 Can.
79. collusor Csy. 06–143 R.I.

Aleochara Grav.
(*Xenochara* Rey 74–60)
5780. puberula Klug 32–139 Eur. & N.Am.? Ga.Mo.So.Cal.
81. bipartita Csy. 93–287 Tex.
(*Aidochara* Csy. 06–145)
82. planiventris Csy. 06–146 Cal.
(*Oreochara* Csy. 06–148)
83. laramiensis Csy. 06–148 Wy.
(*Calochara* Csy. 06–149
84. rubripennis Csy. 06–150 Cal.
?rubripennis Pettit mss. 72–99 Can.

Baryodma Thoms. 58–31
5785. morion Grav. 02–97 Eur. & N.Am. Nev. Conn.
86. castaneipennis Mann. 43–224 B.C.-Cal.
87. robustula Csy. 06–152 So.Cal.
88. glenorana Csy. 06–153 B.C.
89. uvidula Csy. 06–153 Cal.
90. rotundicollis Csy. 06–153 Alas.
91. acomana Csy. 06–154 N.Mex.
92. mannerheimi Csy. 06–154 B.C.

Baryodma Thoms.
5793 insulana Csy. 06–155 Alas.
94. rubricalis Csy. 11–4 B.C.
95. concurrens Csy. 11–5 B.C.
96. eludens Csy. 11–5 Cal.
97. defecta Csy. 06–155 N.Y.
98. affluens Csy. 06–156 B.C.
99. sculptiventris Csy. 93–285 N.Y.-N.C.Ind.
5800. imbricata Csy. 06–157 Cal.Nev.
01. idonea Csy. 06–157 N.J. [Mont.
02. salicola Csy. 06–157 So.Cal.
03. humboldti Csy. 10–108
densiventris || Csy. 06–158 N.Mex.-Ariz.
04. obsolescens Csy. 06–158 Cal. [Cal.
05. recta Csy. 06–159 N.Mex.
06. bimaculata Grav. 02–187 Ct. Ariz. Nfld. Fla. Can.Ind.
07. notula Er. 40–167 W.I.&N.Am.?
08. nitidicollis Csy. 06–160 Tex.
09. nanella Csy. 06–150 Tex.
10. innocua Csy. 06–150 Cal.
11. deserticola Csy. 06–160 Ariz.
12. densissima Bnhr. 06–345 Cal.

(*Coprochara* Rey 74–146)
13. verna Say 36–156 N.U.S.&Can.
?languida Sachse 52–117 N.Am. Eur.
a. anthomyiæ Spr. 69–370 Mass.
14. tolerata Csy. 11–6 Cal.
15. ontarionis Csy. 16–71 Can.
16. minuta Csy. 06–161 Cal. Ia.
17. pumilio Csy. 11–6 Ia.
18. suffusa Csy. 06–162 Colo.
19. acuminata Csy. 06–162 Colo.
20. nitida Grav. 02–97 Eur.&N.Am.
bipustulata L. ‡ 61–232 Ind. [Fla.Ariz.
pauxilla M. & R. 73–443 Fr.&N.Am.? Tex.Nev.Cal.

(*Polyehara* Rey 74–64)
21. villosa Mann. 30–67 Eur.&N.Am.?
22. fumata Er. 39–357 Eur.AN.Am.?
23. mœrens Gyll. 10–493 Eur.&N.Am.? Sib. B.C.
24. speculicollis Bnhr. 01–371 Tex.
25. gracilicornis Bnhr. 01–372 Mass.
26. soror Bnhr. 06–347 So.Cal.
27. sparsicollis Bnhr. 06–347 Cal.

(*Isochara* Bnhr. 01–440)
28. densiventris Bnhr. 06–346 So.Cal.

(*Eucharina* Csy. 06–165)
29. tibialis Csy. 06–166 Cal.
30. sulcicollis Mann. 43–225 So.Cal.Alas. Or. B.C.
rugosa Csy. 06–166 Alas.B.C.
31. debilicornis Csy. 06–167 So.Cal.
32. cylindrella Csy. 06–167 So.Cal.

Emplenota Csy. 84–17
(*Polystoma* || Steph. 27–430)
5833. maritima Csy. 84–17 N.Y.-Va.Nfld.
34. pacifica Csy. 93–290 So.Cal.
35. arenaria Csy. 93–289 So.Cal.
36. trilimbata Csy. 06–175 Cal.
37. longiceps Csy. 11–9 B.C.

(*Echochara* Csy. 06–176)
38. lucifuga Csy. 93–288 Ky.Ind.
cavicola (Garman) 94–81 Ky.

Emplenota Csy.
(*Pinalochara* Csy. 06–177)
5839. wickhami Csy. 06–178 Ariz.

(*Rheochara* Rey 74–163)
40. nebulosa Csy. 06–179 Pa.

(*Rheobioma* Csy. 06–180)
41. disjuncta Csy. 06–181 Cal.
42. terrena Csy. 11–7 Cal.
43. marcida Csy. 11–8 Cal.

(*Rheocharella* Csy. 06–181)
44. fenyesi Bnhr. 05–255 So.Cal.

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45. maura Sachse 52–117 N.Am.
46. cognata Mäkl. 52–310 Alas.
47. quadrifer Csy. 06–175 Cal.
— algarum Fauv. 62–92 ‡ Eur. (U.S.?)
— graciliformis Fauv. mss. ‡

Maseochara Sharp 83–154
(*Tithanis* Csy. 84–16)
5848. semivelutina Solsky 83–154 Mex.&Ariz.?
49. decipiens Csy. 06–169 Ariz.
?opacella Sharp 83–154 Mex.Ariz.?
50. valida (Lec.) 58–16 So.Cal.
51. californica Csy. 85–309 So.Cal.
52. ponderosa Csy. 06–170 Ariz.
53. ruficauda Csy. 06–170 Ariz.
54. puberula Csy. 93–284 Ariz. So.Cal.
55. musta Csy. 11–7 Ariz.
56. basalis Csy. 06–171 Cal.

Homœusa Kr. 58–76
5857. acuminata Märk. 42–143 Eur.&N.Am.

(*Soliusa* Csy. 00–53)
58. crinitula Csy. 00–54 N.Y.Conn.
59. frosti Csy. 11–53 Mass.

Myrmobiota Csy. 93–594
5860. crassicornis Csy. 93–595 Ia.

Dinardilla Wasm. 01–145
5861. hiometopi Wasm. 01–145 Colo.

Decusa Csy. 00–54
5862. expansa Lec. 66–373 D.C.

Euthorax Sol. 49–345
(*Myrmecochara* Kr. 57–40)
5863. debilis Wasm. 94–206 D.C.
64. crinita Csy. 93–596 Colo.
65. pictipennis Kr. 57–41 La.Tex.Mex.

Cratarœa Thoms. 58–34
(*Micraglotta* Kr. 62–300)
(*Haploglossa* || Kr. 56–78)
(*Mieroglossa* ‡ Ganglb. 95–52)
5866. suturalis Mann. 30–82 Eur.R.I.Ia. Can.Mass.S.C.
67. grandiceps Csy. 11–9 Cal. [Mo.Cal.

Melanalia Csy. 11–10
5868. tabida Csy. 11–10 Cal.
69. tetricula Csy. 11–11 Cal.
larvalis Csy. 11–11 Cal.

Ischnoglossa Kr. 56–56
5870. angustiventris Csy. 93–303 Ia.
71. asperata Csy. 93–303 Cal.

Ischnoglossa Kr.
5872. abscissa Csy. 11–16 R.I.
73. tenuicauda Csy. 11–17 Fla.
74. intenta Csy. 11–17 Ia.
75. alticola Csy. 11–18 Cal.

Thiasophila Kr. 58–69
5876. laticollis Csy. 93–302 N.Y.
77. blanchardi Csy. 11–12 Mass.
78. wickhami Csy. 11–13 Ia.

Acrimea Csy. 11–14
5879. resecta Csy. 11–14 Idaho.
80. acerba Csy. 11–15 Wash.
81. fimbriata Csy. 11–15 Or.

Stichoglossa Fairm. 54–442
(*Dexiogya* Thoms. 60–277)
5882. corticina (Er.) 37–351 Cal.Eur.

Dasyglossa Kr. 58–130
5883. prospera Er. 40–143 Eur. & N.Am.
Colo. Cal.
congruens Csy. 93–292 [Mass. Sib.
84. fenyesi Bnhr. 07–402 B.C. Alb.

Hylota Csy. 06–318
5885. ochracea Csy. 06–319 N.Y.

Oxypoda Mann. 30–69
5886. exigua Er. 39–348 Eur.&N.Am.
87. irrasa Mäkl. 53–183 Alas.
88. minuta Sachse 52–116 N.Am.
89. sagulata Er. 40–146 Pa. Ind.
90. frigida Bnhr. 07–404 B.C.Alb.
91. gatosensis Bnhr. 05–256 So.Cal.
92. fusiformis Csy. 06–318 So.Cal.
93. opacicollis Bnhr. 07–404 So.Cal.
94. robusticornis Bnhr. 07–403 N.H.
95. subnitens Bnhr. 07–403 So.Cal.
96. convergens Csy. 93–293 N.Y.
97. impressa Csy. 93–293 B.C.
98. nigriceps Csy. 93–296 R.I.
99. lineata Csy. 93–297 R.I.
5900. hudsonica Csy. 93–298 N.Y.
01. fustiger Csy. 93–298 Cal.
02. californica Csy. 93–299 Cal.
03. sylvia Csy. 06–313 Me.
04. lucidula Csy. 06–313 Mo.
05. stygica Csy. 06–313 N.Y.
06. renoica Csy. 06–314 Nev.
07. iowensis Csy. 06–314 Ia.
08. dubia Fenyes 07–61 Colo.
caseyi Bnhr. 07–404
ancilla || Csy. 06–315 Colo.
09. simulans Csy. 06–315 Mo.
10. perexilis Csy. 06–316 Mo.Miss.Ind.
11. lacustris Csy. 06–317 Ont.
12. nevadensis Csy. 06–317 Nev.

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13. orbicollis Csy. 11–22 Wis.
14. demissa Csy. 11–22 Can.
15. crnda Csy. 11–23 Cal.
16. canta Csy. 11–23 Colo.
17. olescans Csy. 11–24 Cal.
18. inimica Csy. 11–25 Mass.
19. gnara Csy. 11–25 R.I.

Oxypoda Mann.

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5920. mobilis Csy. 11–26 Tex.
21. rubescans Csy. 11–26 N.Y.

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22. profecta Csy. 11–27 Mo.
23. manitobæ Csy. 11–28 Man.
24. nimbata Csy. 11–28 Cal.
25. cernua Csy. 11–29 Cal.
26. madescans Csy. 11–29 Cal.
27. subpolaris Csy. 11–30 Alas.
28. nubifer Csy. 93–294 Ut.
29. saxatilis Csy. 93–295 Colo.
30. mimetica Csy. 06–312 Va.
31. truncatella Csy. 06–315 Mo.
32. virginica Csy. 06–316 Va.
33. obliqua Csy. 06–316 Va.Ind.
34. wickhami Csy. 11–31 Ut.
35. recensa Csy. 11–31 Cal.
36. juncea Csy. 11–32 N.Mex.
37. canora Csy. 11–32 N.Y.
38. latebricola Csy. 11–33 Pa.
39. congesta Csy. 11–33 No.Cal.
40. oblita Csy. 11–34 Miss.
41. affecta Csy. 11–35 Miss.
42. tenuicula Csy. 11–35 Ia.
43. croceola Csy. 11–36 Mo.Tex.
44. mollicula Csy. 11–36 N.C.
45. hiemalis Csy. 11–37 Can.
46. clusa Csy. 11–37 Cal.
47. profuga Csy. 11–38 Cal.
48. flebilis Csy. 11–38 Cal.
49. optiva Csy. 11–39 Vanc.
50. lassula Csy. 11–39 Wash.B.C.
a. egestosa Csy. 11–40 Vanc.
51. famula Csy. 11–40 Alas.
52. paganica Csy. 11–41 So.Cal.
53. nutricia Csy. 11–41 Cal.
54. glenoræ Csy. 93–295 B.C.

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55. palustris Blatch. 10–362 Ind.
56. amica Csy. 06–312 Ia. Ind.
57. gymnica Csy. 11–42 Ariz.
58. sedula Csy. 11–42 Ariz.
59. lenis Csy. 11–43 N.Mex.
60. agitata Csy. 11–43 Tex.
61. astricta Csy. 11–44 So.Cal.
62. vetula Csy. 11–44 N.J.
63. morula Csy. 11–45 Cal.
64. opica Csy. 11–46 Cal.
65. mansueta Csy. 11–46 Cal.
66. sejuncta Csy. 11–47 Cal.
67. scæva Csy. 11–48 Or.
68. saturata Csy. 11–48 Nev.Cal.
69. regressa Csy. 11–49 Vanc.
70. perita Csy. 11–49 Cal.
71. neptis Csy. 11–50 Ia.Cal.
72. nugax Csy. 11–50 Miss.
73. implicata Csy. 11–51 Cal.
74. tenera Bnhr. 06–345 So.Cal.
75. lividula Csy. 11–52 Cal.
76. effeta Csy. 11–52 So.Cal.
77.[1]

Ocyusa Kr. 56–156
5978. asperula Csy. 93–305 Ia.R.I.
brevipennis Bnhr. 06–344 Mass.
79. californica Bnhr. 06–343 Cal.

[1] 5977 was used for caseyi Bnhr., unnecessary by previous proposal of dubia Fenyes, see no. 5908.

Gnathusa Fenyes 09–197
5980. eva Fenyes 09–198 Cal.

Ocalea Er. 39–298
5981. franciscana Csy. 06–306 Cal.
82. grandicollis Csy. 06–305 Cal.
83. vancouveri Csy. 93–309 Vanc.
84. agnita Csy. 11–55 Ariz.
85. fusca Fenyes 09–424 Ariz.
(*Isoglossa* Csy. 11–54)
86. pellax Csy. 11–54 Cal.
87. arcuata Csy. 93–304 Cal.
(*Parocalea* Bnhr. 01–431)
88. baicalica Epp. 93–20 Sib.&N.Am.

Callicerus Grav. 02–66
(*Semiris* Thoms. 60–299)
5989. canadensis Csy. 06–309 Can.
90. puberulus Csy. 94–310 N.Y.

Ityocara Thoms. 60–239
5991. rubens Er. 37–304 Eur.&.N.Am.

Chilopora Kr. 58–146
5992. americana Csy. 06–306 N.Y.
93. fuliginosa Csy. 06–307 N.C.

Longipeltina Bnhr. 12–682
5994. bakeri Bnhr. 12–682 Cal.

Calodera Mann. 30–85
5995. infuscata Blatch. 10–361 Ind.

Amarochara Thoms. 58–32
5996. fenyesi Blatch. 10–361 Ind.

Echidnoglossa Woll. 64–530
(*Colusa* Csy. 85–288)
(?*Blepharhymenius* Sol. 51–339)
5997. valida Csy. 85–294 Cal.
98. æmula Csy. 11–56 Cal.
99. concinna Csy. 11–56 Cal.
6000. strangulans Csy. 11–57 Cal.
01. occidua Csy. 11–57 So.Cal.

Echidnoglossa Woll.
6002. morigera Csy. 11–58 Ut.
03. eximia Csy. 85–293 Cal.
ludibunda Csy. 11–59 Cal.
clavicauda Csy. 11–58 Cal.
04. exilis Csy. 85–294 Cal.
05. defecta Csy. 11–59 Cal.
a. leviventris Csy. 11–61 Cal.
06. illecta Csy. 11–60 Or.
07. quadripennis Csy. 11–60 Cal.
08. tenuicornis Csy. 11–61 Cal.
09. brevicornis Csy. 93–313 Cal.
10. lacustris Csy. 93–313 Mich.
11. gracilis Csy. 85–292 Cal.
ventralis Csy. 11–62 Cal.
a. gaudens Csy. 11–62 Cal.
12. brendeli Csy. 93–314 Ia.
13. monticola Csy. 93–315 Colo.
14. lativentris Csy. 93–315 Mont.
15. grandicollis Csy. 85–295 Cal.
16. eminens Csy. 11–63 Cal.

Pachycerota Csy. 06–307
6017. duryi Csy. 06–308 Mass.-Ia.

Phlœopora Er. 37–311
6018. testacea (Mann.) 30–86 Eur.N.Am.
?reptans (Grav.) 06–154 Eur.
19. oregona Csy. 06–310 Or.
20. corticalis (Grav.) 02–76 Eur. N. Am.
ferruginea Csy. 93–306 Pa.
21. debiliceps Csy. 11–19 Nev.
22. liberta Csy. 11–19 N.C.
23. adversa Csy. 11–20 So.Cal.
24. jacobiana Csy. 11–20 So.Cal.
25. sublævis Csy. 06–310 Ia.N.C.Ind.
26. ?latens Er. 39–78 Eur.Pa Mo.Ia.
(*Nasirema* Csy. 93–307)
27. humilis Csy. 93–308 Pa.
28. inquilina Csy. 06–311 Ia.
29. parviceps Csy. 93–309 R.I.

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Beyeria Fenyes 10–118
6030. vespa Fenyes 10–119 Ariz.

PSELAPHIDÆ

Latreille 07; Aubé 33; Leconte 50; Brendel & Wickham 90; Casey 84, 86, 87, 93, 97, 08; Raffray 08–11

Faronini

Sonoma Csy. 86–195
(*Faronus* ‡ auct.)
(*Sagola* ‡ auct. nec Sharp 74–506)
6031. isabellæ (Lec.) 51–663 Cal.So.Cal.
32. corticina Csy. 87–480 Cal.
33. grandiceps Csy. 93–437 Cal.
34. longicollis Csy. 93–438 Cal.
35. subsimilis Csy. 93–439 Cal.
36. rubida Csy. 93–439 Cal.

Sonoma Csy.
6037. parviceps (Maekl.) 52–372 Alas.B.C.
38. cavifrons Csy. 87–481 Cal.
(*Rafonus* Csy. 93–441)
39. tolulæ (Lec.) 50–109 Ga.Va.Pa.

Megarafonus Csy. 97–550
6040. ventralis Csy. 97–550 Or.B.C.

Jubini

Stratus Schauf. 72–246
6041. ursinus Schauf. 72–452 La.Mex.

(*Jubinini* Raffray)

EUPLECTINI

Thesium Csy. 84–94
(*Apothinus* Sharp 87–35)
6042. laticolle (Csy.) 84–118 La.Ja.Tex.
43. brevicolle Raffr. 98–221 ?La.Mex.
44. cavifrons (Lec.) 63–28 La.Miss.Pa.

Rhinoscepsis Lec. 78–382
6045. bistriatus Lec. 78–382 Fla.

Basolum Csy. 97–571
6046. impunctatum(Bndl.) 90–34 Va.Md.
47. ?durum (Bndl.) 92–166 Ia.

Morius Csy. 93–445
6048. occidens Csy. 93–446 Cal.

Cupila Csy. 97–561
6049. clavicornis (Maekl.) 52–371 Alas.Or.

Simplona Csy. 97–561
6050. arizonica Csy. 97–562 Ariz.

Pseudotrimium Raffr. 98–230
6051. microcephalum Raffr. 98–230 ?La.Mex.

Trimiomelba Csy. 97–563
6052. lævis Csy. 97–564 D.C.
53. convexula (Lec.) 78–383 Ill.Pa.Fla.
54. dubia (Lec.) 50–108 Ind.So.St.Ga.

Actium Csy. 86–201
(*Proplectus* Raffr. 90–94)
(*Actiastes* Csy. 97–561)
6055. californicum (Lec.) 78–383 Cal.So.Cal.
pallidum Csy. 87–473 Cal.
decipiens (Raffr.) 90–197
56. politum Csy. 87–473 Cal.
57. bicolor Csy. 08–269 N.Mex.
58. robustulum Csy. 87–474 Cal.
59. testaceum Csy. 87–475 Cal.
60. candidum Csy. 93–465 Cal.
61. marinicum Csy. 93–465 Cal.
62. blandum Csy. 08–271 Pa.
63. retractum Csy. 08–270 Alas.
64. costale (Bndl.) 92–166 Pa.
65. foveicolle (Lec.) 78–384 Mass.R.I.Pa.
66. angustum Csy. 97–559 Pa.
67. pacificum Csy. 93–466 Cal.
68. bifoveatum Csy. 97–559 Cal.
69. brevipenne Csy. 93–467 Cal.
70. globifer (Lec.) 50–107 S.C.Ga.
71. parabolicum (Bndl.) 93–281 N.Am.

Pseudactium Csy. 08–271
6072. carolinæ Csy. 08–271 N.C.
73. mellinum Csy. 08–272 Pa.
74. cephalicum Csy. 08–273 Pa.

Melba Csy. 97–565
(*Trimium* ‡ auct.)
(*Zolium* Csy. 97–562)
(*Dalmosella* Csy. 97–570)
(*Trimiopsis* (pars) Reitt. 83–38)
6075. tenuis (Csy.) 97–570 Pa.
76. major (Bndl.) 92–167 Ia.Ind.
77. uniformis Csy. 97–569 R.I.
78. fossiger Csy. 97–568 N.Y.
79. puncticollis (Lec.) 78–384 Ariz.

Melba Csy.
6080. thoracica (Bndl.) 89–196 Ill.Ia.
81. laticollis (Bndl.) 92–167 Ia.
82. parvula (Lec.) 50–108 Ind.Pa.Ill.Ia.
83. sulcatula Csy. 97–567 Pa. [S.C.
84. dentipes Raffr. 03–536 Pa.
85. texana Csy. 97–566 Tex.
86. discolor (Lec.) 78–384 La.
87. americana (Lec.) 63–28 Ala.
88. gracilis (Bndl.) 92–167 Ia.
89. simplex (Lec.) 78–384 So.St.Fla.

Trimioplectus Bndl. 90–50
6090. obsoletus Bndl. 90–50 Ill. Ia.

Oropodes Csy. 93–453
6091. orbiceps Csy. 93–453 Cal.So.Cal.
raffrayi (Bndl.) 94–196 Cal.

Euplectus Leach 17–80
(*Pycnoplectus* Csy. 97–552)
6092. longicollis Csy. 84–99 Md.Va.
93. confluens Lec. 50–105 D.C.Va.Mass. Atl.St.L.Sup.
94. iowensis Csy. 93–456 Ia. [Ind.
95. elongatus Bndl. 93–281 Pa.
96. schmitti Raffr. 03–540 Pa.
97. californicus Csy. 87–476 Cal.So.Cal.
98. disjunctus Csy. 97–554 Va.
99. planipennis Bndl. 89–195 Ia.
6100. rotundicollis Bndl. 90–61 Ia.
01. acomanus Csy. 08–265 N.Mex.
02. duryi Csy. 08–266 Ohio.
03. difficilis Lec. 50–106 E.St.Ga.
04. congener Csy. 84–101 Va.D.C.
05. sexualis Csy. 94–103 S.C.Va.
06. spinifer Csy. 84–104 Tex.Ill.La.Ga.
07. infossus Raffr. 03–541 Pa.
08. linearis Lec. 50–104 La.Ga.Fla. Miss.Mich.
09. hudsonicus Csy. 93–455 N.Y.
10. longipennis Csy. 08–264 Pa.
11. floridæ Csy. 08–264 Fla.
12. interruptus Lec. 50–105 D.C.Va.Fla. La.Ga.Ill. Miss.
13. longissimus Bndl. 90–71 S.C.Ga.
14. imperfectus Csy. 97–553 D.C.
15. tenellus (Csy.) 97–552 Pa.
16. impressiceps Csy. 08–265 Pa.

Leptoplectus Csy. 08–266
6117. pertenuis Csy. 84–109 Pa.D.C.
18. filiformis Csy. 08–268 Pa.O.
19. insolens Csy. 08–268 Pa.
20. exilissimus Csy. 08–269 Ohio.

Thesiastes Csy. 93–444
6121. fossulatus (Bndl.) 90–59 Ill.Ind.
22. pumilus (Lec.) 50–106 La.Ga.S.C.
23. debilis (Lec.) 78–386 Fla.
tenuis (Lec.) 78–386 Fla.
24. atratus Csy. 93–457 R.I.

Acolonia Csy. 93–443
6125. cavicollis (Lec.) 78–387 Fla.

Bibloporus Thoms. 61–225
(*Faliscus* Csy. 84–94)
6126. bicanalis (Csy.) 84–120 N.Y.

Bibloplectus Reitt. 81–529
6127. ruficeps (Lec.) 63–28 Tex.Fla.La.
28. integer (Lec.) 78–386 Mich. [Mich.
29. leviceps (Csy.) 84–115 Md. D.C.
30. sobrinus Csy. 97–555 R.I.

Ramecia Csy. 93–450
(*Biblomimus* Raffr. 03–545)
6131. crinita (Bndl.) 90–55 Mich.Va.No.
32. capitulum (Csy.) 84–112 Mich. Fla. [St.
33. arcuata (Lec.) 50–106 Ga.Va.Fla.

Ramecia Csy.
6134. discreta Csy. 93–451 Pa.
35. decora (Csy.) 84–113 Tex.
36. dentiventris Csy. 93–452 Va.

Eutyphlus Lec. 80–185
(*Nicotheus* Csy. 84–94)
6137. similis Lec. 80–185 Va. D.C.
tibialis (Csy.) 84–121 D.C. Va.
38. prominens Csy. 93–460 Va.
39. schmitti Raffr. 03–546 Pa.

TRICHONYCHINI

Oropus Csy. 86–196
(*Trichonyx* ‡ Lec.)
6140. interruptus Csy. 86–199 Cal.
41. convexus Csy. 86–198 Cal.
42. testaceus Csy. 08–274 Cal.
43. keeni Csy. 08–275 B.C. Vanc.
44. striatus (Lec.) 74–49 Cal. Vanc.
45. abbreviatus Csy. 86–200 Cal.
46. montanus Csy. 87–479 Cal.
47. brevipennis Csy. 08–275 B.C.
48. curtipennis Csy. 08–276 Cal.
49. castaneus Csy. 08–276 Cal.
50. basalis Csy. 08–276 Cal.
51. cavicauda Csy. 93–448 Cal.
52. debilis Csy. 08–277 Cal.

Rhexidius Csy. 87–478
(*Conoplectus* Bndl. 90–42)
(*Prorhexius* Raffr. 90–103)

Rhexidius Csy.
6153. granulosus Csy. 87–478 Cal.
54. asperulus Csy. 93–449 Cal.
55. canaliculatus (Lec.) 50–107 E. of Miss. S.C. Ga.Mich. Md. Ga.Ind.
sylvaticus Raffr. 90–197 [Fla.
56. intermedius Bndl. 92–13 N.Am.
57. trogasteroides Bndl. 92–12 Pa.

Rhexius Lec. 50–102
6158. insculptus Lec. 50–103 N.J. Miss. La.
59. substriatus Lec. 78–382 Fla. [Ind.Fla.
60. schmitti Bndl. 93–281 Pa.
61. hirsutus Csy. 08–279 Mo.
62. ruber Csy. 08–279 D.C.
63. ferrugineus Csy. 08–280 Pa.
64. virginicus Csy. 08–281 Va.
65. transversus Csy. 08–281 ?Ind.

BATRISINI

Arianops Bndl. 93–279
(*Anops* Bndl. 90–80)
(*Eusanops* Csy. 97–582)
6166. amblyoponica Bndl. 90–80 Pa.
67. plectrops Csy. 97–582 N.C.

Arthmius Lec. 50–91
6168. globicollis Lec. 50–91 Fla.Ga.Pa.
69. gracilior Csy. 84–88 Fla.
70. bulbifer Csy. 93–474 Tex.
71. involutus Csy. 93–474 N.C.

Batrisodes Reitt. 81–205
(*Batrisus* Lec. nec Aubé)
6172. ionæ (Lec.) 50–94 Ga.Pa.Ind.
73. armiger (Lec.) 50–94 Pa.
74. monstrosus (Lec.) 50–95 O. Ga.
a. ferox (Lec.) 50–95 Pa. O. Ind.
b. cristatus (Lec.) 50–96 Pa.
75. cavicrus Csy. 93–468 N.C. Ind.
76. confinis (Lec.) 50–96 Ga. Ind.
77. carolinæ Csy. 93–468 N.C.
78. monticola Csy. 86–177 Cal.
79. occiduus Csy. 86–178 No.Cal.
80. aphænogastri Fall 12–11 Idaho.
81. albionicus (Aubé) 33–49 Cal. B.C.
♀ aculeatus (Lec.) 66–21 [Vanc.
82. lustrans Csy. 08–261 Cal.
83. tulareanus Csy. 08–261 Cal.
84. zephyrinus Csy. 86–175 Nev. Cal.
mendocino Csy. 86–174 Cal.
a. speculum Csy. 86–176 Cal.
85. cicatricosus (Bndl.) 90–15 Cal.
86. pygidialis Csy. 93–470 Cal.
87. denticauda Csy. 93–471 Cal.

Batrisodes Reitt.
6188. schaumi (Aubé) 44–84 Pa.Ill.
punctatus (Lec.) 50–97 Ga.
89. riparius (Say) 24–98 Mo. Ga. Pa.
90. uncicornis Csy. 97–576 N.Y. [Ind.
91. scabriceps (Lec.) 50–98 N.J.Pa. Ill. Ia.
92. temporalis Csy. 97–573 Pa.
93. frontalis (Lec.) 50–96 Pa. Mo. Wis.
94. lineatocollis (Aubé) 33–60 Pa. Ga.
95. bistriatus (Lec.) 50–101 Pa.
?fossicauda Csy. 97–275 Pa. Conn.
96. declivis Csy. 08–262 Ia.
97. antennatus Schfr. 06–261 N.C.
98. beyeri Schfr. 06–262 N.C.
99. harringtoni Csy. 97–578 Can. Wis. Pa. Conn.
6200. globosus (Lec.) 50–100 Conn. Fla.Ind. [Vt.
01. spretus (Lec.) 50–100 Va.O.Ky.Ga. Vt. Ind.
02. foveicornis Csy. 87–462 Tenn. O.Ind.
03. cavicornis Csy. 97–579 Pa.O.
04. punctifrons Csy. 87–463 Pa.
05. appalachianus Csy. 08–262 Pa.
06. virginiæ Csy. 84–90 Va. Ind.
07. furcatus Bndl. 90–82 Pa.
08. sinuatifrons Bndl. 93–280 Tenn.
09. clypeonotus Bndl. 93–280 La.
10. luculentus Csy. 87–460 D.C.
11. denticollis Csy. 84–89 Ia. D.C. N.Y.
12. triangulifer Bndl. 90–29 L.I. [Ill.
spinifer || Bndl. 87–205 L.I.
13. nigricans (Lec.) 50–99 S.C.Ind.Conn.
14. schmitti Csy. 97–581 Pa.
15. tridens Csy. 08–263 Mo.

Batrisodes Reitt.

6216. striatus (Lec.) 50–99 Pa. Ga. Cal. Mass. Mich.
cephalotes Csy. 87–459 N.Y.
aterrimus Csy. 84–91 Mass.
simplex (Lec.) 78–598 Mich.

Batrisodes Reitt.

6217. caseyi Dury 10–64 O. Ind.

Euphalepsus Reitt. 83–378

6218. dentipes Raffr. 04–184 La.

BRACHYGLUTINI

Scalenarthrus Lec. 80–185
(*Cylindrembolus* Schauf. 87–103)
(*Abryxis* Raffr. 90–119)

6219. horni Lec. 80–185 Ariz. So.Cal.

Pselaptus Lec. 80–184

6220. belfragei Lec. 80–185 Tex. So.Cal.

Eutrichites Lec. 80–184

6221. zonatus (Bndl.) 65–28
zimmermanni Lec. 80–184 Va. D.C. Ga. Tex.

Anchylarthron Bndl. 87–208
(*Verticinotus* Bndl. 90–2)

6222. cornutum Bndl. 65–31 Ill. Ia. N.C.
♀ inornatum Bndl. 65–258
23. curtipenne Csy. 97–611 Ia.
24. caviceps Csy. 97–612 Fla.

Nisaxis Csy. 86–183

6225. tomentosa(Aubé) 33–93 N.Am. Conn.
a. cincinnata Csy. 87–466 Tex. Ill. Neb.
26. maritima Csy. 87–468 Tex.
27. parviceps Csy. 97–610 Neb.
28. caudata Schffr. 05–124 Tex.

Briaraxis Bndl. 94–158

6229. depressa Bndl. 94–159 So. Fla.

Brachygluta[1] Thoms. 59–54
(*Bryaxis* ‡ Aubé 33–23 nec Leach)
(*Nisa* Csy. 86–182)

6230. abdominalis (Aubé) 33–27 Mass.N.Y. Atl. St. Conn.
dentata Aubé nec Say.
31. floridana Bndl. 65–257 Fla.
32. intermedia Bndl. 90–279 Atl. St.
33. labyrinthea Csy. 93–477 N.Y.
34. ulkei Bndl. 66–193 D.C. Md. Va.
35. illinoisensis Bndl. 65–257 N.Am. Ind.
36. dentata (Say) 24–99 Mass.N.Y.Atl.
37. intricata Csy. 93–479 N.Y. [St.Fla.
38. terebrata Csy. 93–481 N.Y.N.J.L.I. [Conn.
perforata || (Bndl.) 66–192
39. foveata Lec. 51–215 So.Cal. Ut.
40. arguta (Csy.) 97–585 Mich. Pa.
41. belfragei Lec. 80–181 La. Tex.
42. infinita Csy. 86–184 Tex.
43. loripes Csy. 93–480 So.Cal.
44. texana Csy. 86–183 Tex. N.Mex.
45. arizonæ Csy. 87–465 Ariz.
46. jacobina Csy. 08–259 So.Cal.
47. luniger Lec. 50–87 Mass.Md.Va.
48. cavicornis Bndl. 65–30 Va. Ind. [Fla.
49. perpunctata Bndl. 90–275 Ga.
50. elegans Bndl. 90–276 Ariz.

Reichenbachia Leach 25–451
(*Bryaxis* auct. pars)

6251. gemmifer Lec. 80–182 Ia.Mich. Ind.

Reichenbachia Leach.

6252. canadensis Bndl. 87–206 Can. Ind.
53. cylindrartus (Bndl.) 93–279 Ill.
54. radians Lec. 80–182 Ill. Ind.
55. subsimilis Csy. 97–594 Ia.
56. atlantica Bndl. 66–113 La. Fla.
57. divergens Lec. 80–182 Ia. Mass.
58. ?trigona Lec. 80–183 Mo.
59. ?bicolor Bndl. 90–294 Ia.
— minuta Bndl.?
60. congener (Bndl.) 65–257 Ia. Mass.
61. facilis Csy. 84–87 L.I.
62. scabra Bndl. 65–29 N. Am.
63. cribricollis Bndl. 90–291 N.Atl. St.
64. rubicunda Aubé 44–116 Pa. N.Y. Ga. Fla.Conn.Ind.
65. fusciventris Csy. 97–599 N.Y.
66. insolita Csy. 97–597 R.I.
67. semirugosa Bndl. 95–183 Pa.
68. kansana Csy. 97–595 Kan.
69. gracilis Csy. 84–32 Mich.-La.Ind.
70. ursina Csy. 97–596 Mo.
71. gracilicornis Csy. 86–190 Tex.
72. inepta Csy. 93–484 N.J.
73. sodalis Csy. 97–598 Ark.
74. peregrinator Csy. 97–599 Neb.-Dak.
75. furtiva Csy. 93–483 Pa.
76. puncticollis Lec. 50–87 E.of Miss.N.J. Fla. Conn.
77. borealis Csy. 97–601 Can. Mass.
78. corporalis Csy. 97–600 Mich. Can.
79. inopia Csy. 84–33 Fla.
litoralis Bndl. 90–296 Tex. Va.
80. distans Csy. 97–602 Can.
81. demissa Csy. 93–485 D.C.
82. procera Csy. 97–604 ?Ia.
83. pygidialis Raffr. 04–160 N.Am.
84. arcifer Csy. 97–604 Kan.
85. sagax Lec. 80–183 So.Cal.
86. wickhami (Bndl.) 93–280 Colo.
87. subtilis Lec. 51–215 Cal.
88. ?nevadensis Csy. 86–191 Nev.
89. informis Csy. 86–189 Cal.
90. arthritica Bndl. 94–159 Cal.
91. tumidicornis Csy. 86–187 Cal. So.Cal.
92. tumorosa Csy. 86–186 Cal.
93. deformata Lec. 80–183 So.Cal.
94. taphrocera Csy. 97–605 Cal.
deformata Csy. nec Lec.
95. caseyi Raffr. 04–240 So.Colo.
articularis || Csy. 97–608
96. fundata Csy. 86–182 Cal.
americana Raffr. 04–241
97. binodifer Csy. 97–608 Vanc.
98. polita Bndl. 90–297 N.Y.
99. fusticornis Csy. 97–608 No.Cal.
6300. spatulifer Csy. 97–609 Can.
01. propinqua Lec. 50–88 L.Sup.Mass.
02. tumida Lec. 80–183 Tex. [Mich.
? ♀ complectens Lec.80–183 Tex. Fla.
03. albionica Mots. 45–43 Cal.

[1] Parentheses omitted under Brachygluta.

Reichenbachia Leach
6304. dilatipes Schfr. 06–262 Tex.
05. compar Lec. 51–215 Cal.
franciscana Csy. 86–193 Cal.
06. falli Csy. 97–606 Cal.
07. turgidicornis Csy. 97–607 Cal. So.Cal.
08. depressifrons(Bndl.)93–279 Cal.

Rybaxis Sauley 74–136
(*Bryaxis* Leach 17–85)
6309. valida Bndl. 90–273 N.Y.Ill. Ind.
sanguinea Leach ‡ Lec. 80–181 Eur. Sib.
10. conjuncta Lec. 50–85 Can.Mass.Atl. St.-Id.Mich.
a. ♂ truncaticornis Bndl. 90–274 [Ill.
11. clavata (Bndl.) 66–196 Atl.St.
brendeli (Lec.) 80–181 Ind.
12. mystica Csy. 93–476 R.I.
13. varicornis Bndl. 90–274 R.I.

Decarthron Bndl. 65–30
6314. formiceti (Lec.) 50–90 Pa. La. Fla.
velutinum (Lec.) 50–86 N.J. [Conn.
15 stigmosumdl . 65–21 E.St& Can.
16. scarificatum Bndl. 93–278 Can.Ia.
17. abnorme (Lec.) 50–89 E.St.&Can. Fla.
18. laurenticum Csy. 97–584 Can. Mass.
19. brendeli Csy. 87–464 Ind.Tex.Cal. So.Cal.
20. longulum (Lec.) 50–89 N.Y. L.Sup.
21. exsectum Bndl. 65–32 No.St.Fla.[Ct.
22. strenuum Bndl. 65–32 Pa. N.J.
23. discolor Bndl. 90–265 N.Mex.
24. marinum Bndl. 93–278 La. Miss.
25. seriepunctatum Bndl. 93–278 Tenn.

Eupsenius Lec. 50–90
6326. glaber Lec. 50–90 La.S.C. Fla.
27. rufus Lec. 63–28 Ala. Fla.

TYCHINI

Dalmodes Reitt. 81–19
6328. schaufussi Raffr. 96–266 ?La.

Machærodes Bndl. 90–252
(*Bythinus* ‡ auct.)
6329. carinatus Bndl. 65–29 Can.-Va.

Bythinopsis Raffr. 08–282
6330. tychoides (Bndl.) 65–259 Pa.
bythinoides (Bndl.) 90–253
31. carolinæ (Csy.) 97–614 N.C.

Pselaptrichus Bndl. 89–194
6332. tuberculipalpus Bndl. 89–194 Cal.

Tychus Leach 17–84
6333. minor Lec. 50–82 L.Sup.-Ga. Ind.Mass.
testaceus Csy. 84–31 [N.Y.
34. pocahontas Csy. 97–615 Va.
35. cognatus Lec. 74–50 Vanc.
bipuncticeps Csy. 87–470 Cal.

Tychus Leach
6336. sonomæ Csy. 87–469 Cal.
37. verticalis Csy. 93–492 D.C.
38. spiculifer Csy. 93–491 Pa.
39. sternalis Raffr. 04–268 Pa.
40. puberulus Lec. 51–214 Cal.
41. hexagonus Csy. 97–616 Cal. So.Cal.
42. tenellus Lec. 51–214 Cal. So.Cal.
43. microphthalmus Bndl. 93–277 Colo.

Cylindrarctus Schauf. 87–91
6344. longipalpis (Lec. 50–82) B.C.Colo.Fla. Ind. L. Sup.
45. americanus Schauf. 87–92 Ill.
46. ludovicianus (Bndl.)93–277 La. Miss.
47. comes Csy. 93–489 Fla.
48. crinifer Csy. 93–489 Ind. Ia.

Valda Csy. 93–493
6349. frontalis Csy. 93–493 Cal.

PSELAPHINI

Pselaphus Hbst. 92–106
6350. bellax Csy. 93–495 Mass.-Ill. Conn.
51. erichsoni Lec. 50–81 E.St. L.Sup.

Pselaphus Hbst.
6352. longiclavus Lec. 50–81 Ia.-La.Fla.
53. fustifer Csy. 93–495 N.Y. N.J.

HOLOZODINI

Caccoplectus Sharp 87–22
6354. spinipes Schfr. 06–263 Tex.

CTENISTINI

Anitra Csy. 93–499
6355. glaberula Csy. 93–500 Ariz.

Biotus Csy. 87–456
6356. formicarius Csy. 87–456 So.Cal.

Atinus Horn 68–127
(*Chennium* ‡ auct. nec Latr.)
6357. monilicornis (Bndl.) 66–190 Va. Tenn.
58. brevicornis Csy. 93–498 Tex.

Pilopius Csy. 97–617
(*Ctenistes* auct. nec Reich.)
(*Sognorus* Csy. nec Reitt.)
6359. lacustris Csy. 97–619 Can.-Ia.Ind.
60. saginatus Csy. 97–620 Can.-Mass.
61. georgianus Csy. 97–621 Ga.
62. piceus (Lec.) 50–79 Vt. No.Atl.St. Pa. Fla.Conn.
63. iowensis Csy. 97–622 Ia.
64. granicollis Csy. 97–622 N.Y. L.I.

Pilopius Csy.
6365. floridanus Csy. 97–623 Fla.
66. zimmermanni (Lec.) 50–79 La. Ga. Fla. Ind.
67. consobrinus (Lec.) 50–79 Ga.E.ofMiss. N.J. Va.
68. cinderella Csy. 97–624 Tex.
69. impressipennis Csy. 97–624 Tex.
70. pulvereus (Lec.) 51–214 Pa.Cal.? Ariz.

Pilopius Csy.
?(*Sognorus* Reitt. 82–202)
6371. ocularis (Csy.) 93–502 Ariz.
72. abruptus (Csy.) 93–502 Ariz.

Ctenisis Raffr. 90–143
(*Desmia* ‡ Reitt. 82–202)
6373. raffrayi Csy. 93–503 Ariz.
dispar || Raffr. 96–272 So.Cal.

TYRINI

Ceophyllus Lec. 50–73
6374. monilis Lec. 50–73 E.U.S., O. Ill. Ind. Mich.

Cedius Lec. 50–75
6375. ziegleri Lec. 50–75 O.Mo.Ia.Pa.
76. robustus Csy. 97–626 D.C. [Ind.
77. spinosus Lec. 50–74 Pa.S.C.Ind.

Tmesiphorus Lec. 50–75 Ala. Pa.Ga.
6378. carinatus (Say) 24–97 Ind.Kan. O. Mo. Fla.
79. costalis Lec. 50–77 Mo.-Pa. Fla.
a. rostratus Schauf. 87–296 [Ind.

Tyrus Aubé 33–15
(*Pytna* Csy. 87–457)
(*Pseudotyrus* Raffr. 90–146)

Tyrus Aubé
6380. carinifer Csy. 97–627 Ut.
81. corticinus (Csy.) 87–458 Cal.
82. humeralis (Aubé) 44–93 Can.-Tenn. N.C. Fla. L.Sup. Ind. Man.
compar Lec. 50–80 Ga. S.C. Mo.
83. semiruber Csy. 97–629 L.Sup.
84. consimilis Csy. 97–629 Ky. Ind.

Cercocerus Lec. 61–57
(*Hamotus* Bndl. nec Aubé)
(*Upoluna* Schauf. 86–283)
6385. batrisoides Lec. 63–27 Pa. La. Ind.
flavitarsis Schauf. 86–283
elongatus (Bndl.?) 90–239 Ariz.

CLAVIGERIDÆ

Fustiger Bndl. 66–189
(*Commatocerus* Raffr. 82–1)
(*Commatocerinus* Wasm. 97–260)
(*Articerus* ‡ Dalman 25–398)
6386. fuchsi Bndl. 66–190 Tenn. Ariz.
a. californicus Bndl. 89–197 So.Cal. [Ind.
87. knausi Schfr. 06–264 N.Mex.

Adranes Lec. 50–83
6388. cœcus Lec. 50–83 Pa.Ga.Ill.
89. lecontei Bndl. 65–255 Miss. Ind.
90. taylori Wickh. 01–27 Or. Vanc.
91. pacificus Wickh. 01–26 Cal.
92. dietzi Schfr. 06–265 Cal.

PTILIIDÆ

TRICHOPTERYGIDÆ

Matthews 84; Casey 84, 85, 86; Flach 89; Csiki 11

PTILIINÆ

PTILIINI

Nossidium Er. 45–17
6393. americanum Mots. 68–191 U.S. Ind. Ga.
94. posthumum Matth. 74–298 U.S. [Fla.
95. amœnum Mots. 68–192 U.S.

Nanosella Mots. 68–172
6396. fungi Lec. 63–62 U.S. O. Ala.
97. atrocephala Dury 16–140 O.

Actidium Matth. 68–12
6398. politum Matth. 77–168 Cal.
99 crotchianum Matth. 77–168 B.C.
6400. robustulum Csy. 85–324 Cal.
01. granulosum Csy. 85–324 Cal.
02. attenuatum Csy. 85–325 Cal.
03. rotundicolle Csy. 86–248 Tex.

Motschulskium Matth. 72–72
6404. sinuatocolle Matth. 72–74 Cal. So.Cal.

Micridium Mots. 69–188
6405. lineatum (Lec.) 63–63 Ala. La.

Ptilium Er. 45–26
6406. sharpi Matth. 72–101 Vanc.
07. columbianum Matth. 77–169 B.C. Cal.
08. humile Matth. 77–170 Cal.
09. obscurum Matth. 77–171 B.C
10. hornianum Matth. 84–143 Tex.
11. fungicola Csy. 84–162 Pa.
12. truncatum Csy. 84–163 Pa.
13. sulcatum Csy. 86–248 Tex.
14. solidum (Mots.) 68–183 N.Am.

Ptenidium Er. 45–34
6415. ulkei Matth. 84–151 D.C.
16. speculifer Matth. 84–151 Mass.

Ptenidium Er.
6417. pusillum Gyll. 08–189 Eur.& N.Am. Ind. Pa.Colo. Mich. Can.
evanescens (Marsh.) 02–126
apicale Er. 45–36 Md.
terminale Hald. 49–109 N.Am.
18. ?atomaroides Mots. 68–191 Fla.
19. pullum Mäkl. 52–340 Alas. So.Cal.
20. mannerheimi Matth. 72–83 U.S.
21. fovcicolle Lec. 63–63 La. Fla.
22. glabratum Mots. 68–191 N.Y.

Ptenidium Er.
6123. caseyanum Matth. 89–194 Cal.
— macrocephalum Nietn. 56–381 India,N.Am. ?

Ptiliola Hald. 49–109
(*Ptiliolum* Flach 88–291)
6424. collani Mann. 53–200 N.Am.
bollani err. typ.
canadense Lec. 63–62 Can. L.Sup.
25. posticum Mots. 68–186 N.Am.

ACRATRICHINI

Pteryx Matth. 58–6017
6426. brunnea (Lec.) 63–62 Ga. L.Sup.
27. balteata (Lec.) 63–62 Ga.
dimidiata Mots. 68–183
28. duvali Matth. 72–164 U.S.
29. perforata Mots. 68–182 N.Am.

Ptinellodes Matth. 72–150
6430. lecontei G. & H. 68–746 U.S Fla.
testacea ‡ Lec. 63–62 Ga. L.Sup.

Acratrichis Mots. 50–236
(*Trichopteryx* || Kby. 19–40)
6431. aubei Matth. 72–117 D.C. & S Am.
32. mœrens Matth. 74–298 U.S. Ind.
33. aspera Hald. 49–109 U.S. N.Y.
34. parallela Mots. 68–176 D.C.
35. longipennis Csy. 84–166 Pa.
36. vicina Matth. 77–172 B.C.& C.Am.
37. castanea Matth. 77–173 B.C.
38. sericans Heer 41–375 Eur.& N.Am. Can.
ambigua Matth. 65–177 U.S. N.Y.
39. californica Matth. 77–174 Cal.
40. horni Matth. 72–176 Ariz.
41. xanthocera Matth. 77–174 B.C.
42. parallelopipeda Matth. 77–175 B.C.
43. diffinis Matth. 72–132 U.S.
44. josephi Matth. 72–132 Vanc.
45. fascicularis Hbst. 93–8 U.S. & Eur.
46. subnitida Mots. 68–180 N.Am.
47. suffocata Halid. 55–123 Eur. & Alas.
?atrata Mots. 45–530
48. cognata Matth. 77–176 B.C.
49. abrupta Hald. 49–108 N.Am.
50. henrici Matth. 72–135 Vanc.
51. sitkaensis (Mots.) 45–526 Alas.
insularis Mäkl. 52–339 Alas.
52. crassicollis Mäkl. 66–144 U.S. La.
53. laticollis Mäkl. 52–339 So.Cal. Alas.

Acratrichis Mots.
6454. atomaria (DeG.) 74–218 U.S. Eur.& N.Am.
55. discolor Hald. 49–108 U.S. N.& So.
56. fungina Csy. 84–164 Pa. [Am.
57. dohrni Matth. 72–144 U.S.
fuscipennis ‡ Hald. 49–108 N.Am. N.Y.
58. glabricollis Matth. 66–143 U.S. N.Y.
59. haldemani Lec. 63–29 U.S. Ind.
rotundata ‡ Hald. 49–109 N.Y.
quadrangula Mots. 68–173
60. schaumi Matth. 66–143 La.
61. radicola Csy. 84–163 Del.
62. crotchi Matth. 65–248 Cosmop.
63. grossa Mots. 68–170 C.Am. N.Am.
64. tesserula Matth. 89–193 Cal.
65. nanula Mots. 68–175 N.Y.
(*Ctenopteryx* Flach 89–517)
66. montandoni Allib. 44–52 Eur. & N.Am.
67. grandicollis Mann. 44–181 Eur.&.N.Am.

Smicrus Matth. 72–110
6468. filicornis (Fairm.) 54–338 U.S. So.Am. Ind.So.Cal.
69. americanus Csy. 86–249 Tex. [Mich.

Ptinella Mots. 45–505
6470. quercus (Lec.) 63–63 ♂ Ga.Ind.L.Sup.
nigrovittis Lec. 63–63 ♀ La. Fla.
pallidula Mots. 68–184
71. pini (Lec.) 63–63 ♂ Ga. Fla.

Nephanes Thoms. 59–62
6472. lævisculus Matth. 66–148 La. Fla.
castanopterus (Mots.) 68–183
gibbula (Mots.) 68–183
73. flaviventris (Mots.) 68–183 C.Am. N.Y.

Actinopteryx Matth. 72–59
6474. fucicola Allib. 44–52 France N.Am. Fla. Va.

LIMULODINÆ

Limulodes Matth. 67–409
6475. paradoxus Matth. 67–409 U.S. Ind. Fla. Ariz. N.Y. D.C.

SPHÆRIIDÆ

Matthews 99

Sphærius Waltl 38–272
(*Microsporus* Kol. 46–64)
6476. scutellaris (Lec.) 78–599 N.Am.
a. piceus Csy. 00–67 N.Y. O.

Sphærius Waltl
b. lucidus Csy. 00–67 Wash.
6477. texanus Matth. 99–213 Tex.
78. politus Horn 68–132 So.Cal.

SCAPHIDIIDÆ

Reitter 80; Casey 93, 00; Csiki 10

SCAPHIDIINI

Scaphium Kby. 37–108
6479. castanipes Kby. 37–109 L.Sup.

Scaphidium Oliv. 90–1
6480. antennatum Reit. 80–37 Tex.?
81. ornatum Csy. 00–56 Colo.?
82. quadriguttatum Say 23–198 N.J.-Kan.
a. quadrinotatum Cast. 51–19 [Conn. L.Sup.
b. quadripustulatum || Say 23–198

Scaphidium Oliv.
c. obliteratum Lec. 60–332 Ind. R.I.
d. piceum Melsh. 46–103 Ia. Ind. R.I.
amplum Csy. 00–56 Ind.

Cyparium Er. 45–3
6483. ater Csy. 00–56 Tex.
84. flavipes Lec. 60–322 O. N.C. Fla.
substriatum Reit. 80–42 Ala.

SCAPHISOMINI

Scaphisoma Leach 15–89
6485. apicale Horn 73–363 Cal.
86. arkansanum Csy. 93–524 Ark.
87. carolinæ Csy. 93–524 N.C.
88. castaneum Mots. 45–361 So.Cal.B.C.Id. Ut.
89. convexum Say 25–183 Mich. Fla. Ind.Atl.-Mo.
90. desertorum Csy. 93–524 Ariz. Tex.
91. evanescens Csy. 93–524 Ia. Tex.
92. ornatum Fall 10–117 Ala.
93. carolinæ Dury 11–275 N.C.
94. impunctatum Reit. 80–46 Mo.
repandum Csy. 93–523 Ia. Mo. Mass.
95. inconspicuum Csy. 93–524 Fla.
96. læve Reit. 80–47 N.Am.
97. obesulum Csy. 93–524 Fla.
98. peninsulare Horn 73–363 Cal.
99. punctulatum Lec. 60–323 Ind. Ga. Fla.
6500. dakotanum Fall 10–116 N.Dak.
01. semiopacum Fall 10–117 Tex.
02. rubens Csy. 93–524 Mass. L.I.
03. rufulum Lec. 60–323 Ariz.So.Cal.
04. suturale Lec. 60–323 Ind. Mo. N.C. Conn. L.Sup.
05. distinctum Blatch. 10–496 Ind.
06. terminatum Melsh. 46–104 Ind. N.Y. Fla. L.Sup.
(*Scaphiomicrus* Csy. 00–58)
07. exiguum Csy. 00–59 Or.
08. flavescens Csy. 00–59 Mich.

Scaphisoma Leach
6509. lacustris Csy. 00–59 L.Sup.
10. nugator Csy. 00–59 Ia.
11. pusillum (Lec.) 60–323 Ia.N.C.R.I. L.Sup. Fla.
dimidiatum Csy. 00–59 R.I. [Ariz.

Bæocera Er. 45–4
6512. abdominalis Csy. 00–58 Mass.
13. apicalis Lec. 60–323 R.I. Mich.Ind. Pa.
14. punctipennis Blatch. 10–494 Ind.
15. concolor (Fab.) 01–576 Ind. Pa.Ill. D.C.
16. congener Csy. 93–515 Ind.L.I.N.C. Ia.
17. deflexa Csy. 93–515 Ind. R.I. Va.
18. discolor Csy. 00–58 Mich.
19. nana Csy. 93–516 R.I.Mich.Tex.
20. pallida Csy. 00–58 Pa.
21. picea Csy. 93–516 Ind. Pa. Mich.
22. robustula Csy. 93–515 Tex.
23. rubriventris Csy. 00–58 R.I.
24. speculifer Csy. 93–515 Ia.
25. texana Csy. 93–516 Tex.
26. humeralis Fall 10–116 Wash. Ariz.

Toxidium Lec. 60–324
6527. compressum Zimm. 69–251 Ind.Kan.Fla. Neb.
28. gammaroides Lec. 60–324 N.& C.Am. R.I. N.Y. Fla.

SPHÆRITIDÆ

Sphærites Duft. 05–205
6529. glabratus (Fab.) 92–73 No.Eur. Alas.
politus Mann. 46–514 [Cal.

HISTERIDÆ

Paykull 11; Leconte 45, 59; Marseul 53, 62; Horn 73; Casey 93, 16; Bickhardt 10; Carnochan 17

HOLOLEPTINÆ

Carnochan 17

Hololepta Payk. 11–101
(*Hololepta* Payk. s. str.)
6530. æqualis Say 25–47 ♀ N.Y. Mich. Kan.

Hololepta Payk.
fossularis Say 25–47 ♂ Fla. Tex. La. Man. Ind.
6531. lucida Lec. 45–37 N.Y. Ind. Va.

Hololepta Payk.

6532. populnea Lec. 51–163 Ut.-So. Cal.
bractea || Mars. 53–157 (nec Er.) [Ariz.
a. punctata Carn. 17–382 Ariz.
— excisa Mars. 53–149 Mex. & U.S.?
— bractea Er. 34–91 S.Am.&U.S.?
— complanata (Beauv.) 05–179 W.I. & U.S.?
(*Leionota* Dej. 37–144)
(*Lionota* Mars. 53–196)
(*Lioderma* Mars. 57–469)
33. princeps Lec. 59–310 Cal.
34. yucateca Mars. 53–203 ♂ Tex.-So.Cal.
grandis Mars. 53–204 ♀ [Ariz.
35. pervalida Blaisd. 92–337 So.Cal.
36. vernicis Csy. 93–534 Ariz.
37. sirpus Carn. 17–389 Ariz.
38. quadridentata (Fab.) 92–74 So.Am. Mex.

Hololepta Payk.

platysma Er. 34–95
flagellata Kby. 18–395
a. floridæ Carn. 17–391 Fla.
b. minor Carn. 17–392 Fla.
c. striatifera Carn. 17–392 Fla.
6539. decimstriata Carn. 17–393 Fla.
40. bifoveolata Carn. 17–393 Fla.
41. interrupta Mars. 53–214 Cuba, Fla.
42. vicina Lec. 51–163 Wash.-So.Cal.
a. californica Carn. 17–395 Cal. [Ariz.
b. neglecta Blaisd. 92–338 So.Cal.
43. caseyi Carn. 17–396 Ariz.

Iliotona Carn. 17–396

6544. cacti (Lec.) 51–162 Mex. Tex. [Ariz. So.Cal.
45. beyeri Schffr. 07–302 L.Cal.

HISTRINÆ

Hister L. 67–566

(*Spilodiscus* Lew. 06–343
6546. arcuatus Say 25–34 Atl. Coast.
47. sellatus Lec. 57–35 Cal.
sennevillei Mars. 57–422
48. semiruber Csy. 93–539 Ut.
49. suberuentus Csy. 16–208 N.Mex.
50. solaris Carn. 15–144 Wash.Or.Wy. Nev.
51. ulkei Horn 70–134 N.Mex.Wy. Ariz.
arizonæ Horn 70–135 Ariz.
52. coruscans Csy. 16–210 Kan.
53. sculpticauda Csy. 93–540 N.Mex.
54. biplagiatus Lec. 45–25 Conn.-Kan. Ind.
a. instratus Lec. 59–7 Kan. Ariz.
55. iowensis Csy. 16–211 Ia.
56. militaris Horn 70–135 Ariz. So.Cal.
57. quadratulus Csy. 16–212 N.Mex.
58. bilobatus Csy. 16–291 N.Mex.
59. sarcinatus Lew. 98–169 Ariz.
60. tunicatus Lew. 98–170 Colo.
61. oregonus Csy. 93–549 Or.
a. simplicipes Fall 01–235 So.Cal.
62. electus Csy. 93–548 Wash.
63. gloveri Horn 70–134 Kan. Okla.
64. lucanus Horn 73–283 L.Cal.So.Cal.

(*Hister* s.str.)
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65. lævipes Germ. 24–87 Pa.-Ga. Fla.
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66. maritimus Csy. 16–214 Cal.
67. sexstriatus Lec. 51–163 Cal.
68. jacobianus Csy. 16–215 Cal.

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69. harrisi Kby. 37–124 Conn.-Ga.Ind.
70. stygicus Lec. 45–48 Ga. Ind.
71. interruptus Beauv. 05–180 Conn. Mich.
72. obtusatus Harris 37–76 Mass.-Va.
virginiæ Csy. 93–541 Va.
73. immunis Er. 34–143 Ind.M.St.
74. memnonius Say 25–32 Pa.Mass.[Cal.? Mich. Ind.
?merdarius Hoffm.03–37 Eur.&M.St.
75. egregius Csy. 16–288 Conn.Mich.
76. fidelis Csy. 16–289 Or.

Hister L.

6577. planifrons Lew. 08–149 Vanc.
78. fractifrons Csy. 93–543 Cal. Or.
79. pluto Csy. 93–542 Or.
80. oblitus Csy. 16–216 Kan.
81. mormon Csy. 93–543 Ut.
82. felipæ Lew. 01–373 Ia.
83. rectus Csy. 16–215 Kan.

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84. umbilicatus Csy. 93–545 Cal.
85. umbratilis Csy. 16–217 Cal.
86. fœdatus Lec. 45–50 Ind.Can.-Ga.-
87. texensis Csy. 16–217 Tex. [Or.
88. hudsonicus Csy. 93–546 N.Y.
89. umbrosus Csy. 93–547 Or.
90. unicus Csy. 93–547 N.Y.
91. marginicollis Lec. 45–58 M.St. Ind.
92. cognatus Lec. 45–58 M.St.Can.Ill.
93. remotus Lec. 59–70 Cal.Or. [Wis.

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94. cœnosus Er. 34–154 Gulf St. Fla.
decisus Lec. 45–51
?repletus Lec. 45–49
95. punctifer Payk. 11–25 M.St. Brazil.
?thoracicus Payk. 11–20 N.Am.? Spain.
96. abbreviatus Fab. 75–53 Ind.M.St.-Ga.
subhemisphæricus Beauv. 05–180
bifidus Say 25–34 Fla. Kan.
crenicollis Flach 86–245
97. civilis Lec. 45–55 M.St. Ill.Ind.

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98. semisculptus Lec. 63–60 Ill.
99. dispar Lec. 45–57 M.St. Ga.Ill.
hospitus Lec 59–312 [Kan.
6600. puncticollis Schffr. 12–26 W.Va.
01. furtivus Lec. 59–313 Can.-Ga.Ind.
02. incertus Mars. 54–269 Ind.M.St.Fla. Tex. Kan.
03. nitens Csy. 16–286 Ala. Ia.
04. rotundus Csy. 16–286 Tex.
a. subinteger Csy. 16–286 Tex.
05. orbiculus Csy. 16–287 Ala.
a. fretus Csy. 16–287 Miss.
06. depurator Say 25–33 Can.-Ga. Fla.
paykulli Kby. 37–123 [Ind. Ariz.
spretus Lec. 45–53
07. osculatus Blatch. 10–607 Ind.
08. perbrevis Csy. 16–220 Mich.

Hister L.

6609. circinans Csy. 16–220 R.I. Pa.
10. humilis Fall 10–120 Ariz.
11. lacustris Csy. 16–221 Mich.
12. curtatus Lec. 45–54 Pa. Ill. Mich.
?haldemani Mars. 60–547

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13. defectus Lec. 59–312 Ga. S.C. Fla.
permixtus Zimm. 69–252
14. nanulus Csy. 16–224 Fla.
15. fungicola Schffr. 12–27 N.J. N.C.
16. carinifrons Schffr. 12–26 Fla.
17. indistinctus Say 25–35 N.C.Ga. Fla.
18. servus Er. 34–147 Ariz.Ind.W.I. Fla.
19. densicauda Csy. 16–222 ?So. Atl. St.
20. cribricauda Csy. 16–222 Kan.
21. temporalis Fall 10–120 Ariz.

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22. ednæ Carn. 15–144 N.C.

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(*Peranus* Lew. 06–401)
(*Atholister* Reit. 09–286)
23. bimaculatus L. 58–358 Eur. &N. Am. So.Cal.
obliquus Say 25–37 M. St. Ind.

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(*Atholus* Thoms. 62–228, pars.)
24. sedecimstriatus Say 25–36 M.St.Can.Ind.
25. davisi Schffr. 08–318 N.J.
26. ambigena Lec. 59–313 Vt.
27. americanus Payk. 11–31 Can.Ga.Kan. Ind. Fla.
a. perplexus Lec. 63–61 Ind. Can. M.St.Wis.Fla.
b. exaratus Lec. 45–59 Ga. Ind.
28. gagates Fall 10–121 Cal. Wash.
29. diffractus Csy. 16–225 Kan.
30. biabbreviatus Csy. 16–225 N.Y.
31. nubilus Lec. 59–7 Kan. Ind.
32. pollutus Lec. 59–7 Kan. Ind.
33. abducens Csy. 16–226 Tex.
34. vestigialis Csy. 16–227 Tex.
35. lævicauda Csy. 16–227 Kan.
a. fluviatilis Csy. 16–228 Mo. Miss.
36. relictus Mars. 70–89 N.Am.
?corvinus Zimm. 69–252 S.C.
— bisquinquestriatus Germ. 13–120 N.Am.
— californicus Mars. 54–544 Cal.
— sinuosus Lew. 00–231 N.Am.
— tornatus Lec. 80–190 N.Am. Fla.

Teretriosoma Horn 73–347

6637. americanum (Lec.) 59–316 M.St.Ind.Fla.
dissonans Mars. 62–676
picipes ‡ Lec. 45–79
38. chalybæum Horn 73–347 Tex.
39. facetum Lew. 79–61 Can.
40. borni Lew. 89–397 N.Am. Fla.
41. latirostre Lew. 99–28 N. Am.(U.S.?)
42. montanum (Horn) 80–143 Colo.
43. pinguis Csy. 16–276 Tex.
44. sexuale Schffr. 05–203 Tex.

Teretrius Er. 34–201

6645. cylindrellus Csy. 16–277 Cal.
46. latebricola Lew. 01–382 N Am.(U.S.?)

Teretrius Er.

6647. levatus Horn 94–365 Cal.Tex.Ariz.
48. minutus Csy. 16–278 No.Atl.St.?
49. obliquulus Lec. 57–36 Cal.
50. placitus Horn 80–143 Nev.So.Cal.

Platysoma Leach 17–77

6651. carolinum (Payk.) 11–45 Ind.M.St.-N.Mex.Fla.
sordidum Say 25–44 [Conn.
cinnamomeum White 46–8
52. aurelianum Horn 73–279 La.Ind.Fla.
53. depressum Lec. 45–40 Ind.Atl. St. Mich. So.Cal.
lecontei Mars. 53–273
54. pinorum Csy. 16–202 N.C.
55. tabellum Csy. 93–551 Cal.
56. æquum Lec. 63–61 Ga. Ind.
frontale || Say 25–43
57. basale Lec. 61–343 Mich.O.Ind.

(*Cylistosoma* Lew. 05–302)
58. parallelum Say 25–42 Ga.S.C.Fla.
heydeni Flach 86–245 [Mich.
quadrifera Csy. 16–202 N.C.Ala.
59. coarctatum Lec. 45–41 Ind.Can.-Fla.
60. punctigerum Lec. 61–343 Cal. Ariz.

Cylistix Mars. 57–474

6661. cylindrica (Payk.) 11–91 Mass.-Tex. Fla. Mich.
62. attenuata Lec. 45–42 N.C. Ga. Fla.
elongata Beauv. 07–178
63. gracilis Lec. 45–41 M.St.Ind.

Phelister Mars. 53–462

6664. sayi Carn. 15–213 Ala.
65. simplex Csy. 16–230 Tex.
66. subrotundus Say 25–39 Can.-Tex. Fla.
a. frosti Carn. 15–213 N.Y. [Ind.
b. rubricatus Lew. 08–158 Wis.Ia.
67. contractus Csy. 16–231 Tex.
68. geometricus Csy. 93–550 Tex.
69. atrolucens Csy. 16–232 Tex.
70. mobilensis Csy. 16–232 Ala. Fla.
71. pimalis Csy. 16–233 Ariz.
72. brevistriatus Csy. 16–233 Ariz.
73. vernus (Say) 25–40 Fla.L.I.-Tex.
74. saunieri Mars. 61–162 N.Y. [Ind.
75. venustus (Lec.) 51–163 N.C.Ga.La.
76. æneomicans Horn 73–295 D.C. [Tex.
77. chalybæus Csy. 16–234 La.
78. hospes Lew. 02–236 N.Y.
79. conquisitus Lew. 02–235 N.Y.
80. carnochani Csy. 16–291 Ala.

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81. gentilis Horn 83–285 Ariz.

Omalodes Er. 34–114

6682. grossus Mars. 53–522 Ariz.
texanus Mars. 53–523
lubricans Csy. 93–535
83. vitreolucens Csy. 93–536 Fla.
?klugi Mars. 61–182 Cuba.

Psiloscelis Mars. 53–539

6684. harrisi Lec. 45–14 Mass.-Ga.
planipes Lec. 52–39 [Man.
85. incurva Csy. 16–203 N.Y.
86. blanchardi Csy. 16–205 Mass.

Psiloscelis Mars.
6687. perpunctata Lec. 80–190 Mass.
88. subopaca Lec. 63–60 Neb. Vanc.
89. millepora Csy. 16–204 Wy.
90. corrosa Csy. 93–537 Wy.

Margarinotus Mars. 53–549
6691. guttifer Horn 62–187 Neb.-Tex.

Epierus Er. 34–158
6692. regularis Beauv. 07–180 Fla. Ga.-So.
nigrellus Say 25–38 [Cal.Ind.Ariz.
a. vicinus Lec. 51–164 Ariz.
93. novellus Zimm. 69–253 N.C.
94. floridanus Csy. 16–238 Fla.
95. oblongus Csy. 16–237 Fla.
96. pulicarius Er. 34–162 Fla. Ga. Tex.
minor Lec. 45–73 [Ind.
97. ovalis Csy. 16–240 Miss.
98. ellipticus Lec. 59–313 So.St.
99. wickhami Lew. 98–172 Ind.
6700. plannlus Er. 54–162 Venezuela.
decipiens Lec. 51–164 So.Cal.
nasutus Horn 73–301 ♂ So.Cal. Ariz.
01. cornutus Csy. 93–552 N.Mex.
02. subtropicus Csy. 93–553 Fla.
?brunnipennis Mars. 54–697 So.Am.

(*Pseudepierus* Csy. 16–240)
03. duplicatus Csy. 16–239 La.
obesulus Csy. 16–239 Kan.

Xestipyge Mars. 62–6
6704. conjunctum (Say) 25–38 Gulf St. Va. [Fla.
05. geminatum (Lec.) 59–314 M.St. Ill.Ind.
currax Mars. 70–93
— ?radulum Mars. 61–6 Caffraria, Cal.?

Stictostix Mars. 70–93
6706. californica (Horn) 70–138 Cal.
07. mormoni Lew. 97–360 N.Am.

Carcinops Mars. 55–83
6708. gilensis Lec. 51–164 Ariz. So.Cal.
09. uteana Csy. 16–242 Ut.
10. sobrina Csy. 16–243 So.Cal.
11. consors Lec. 51–164 Tex.-Cal.Ariz.
12. papagoana Csy. 93–554 Ariz.
13. nigra Csy. 16–242 Ariz.
14. quatuordecimstriata Steph. 32–412 Cosmop.
pumilio Er. 34–169 R.I. Fla. Cal.
nana Lec. 45–61 [Ind.
15. corticalis Lec. 51–163 So.Cal. Ariz.
?tenellus Er. 34–170 U.S. Colum.
16. lauta Zimm. 69–253 N.C.
17. viridicollis Mars. 55–96 Mex. L.Cal.
mimetica Horn 73–308 Ariz.
18. tejonica Horn 73–309 Cal.
19. tenuistriata Lew. 98–172 So.Tex.

(*Carcinopsida* Csy. 16–244)
20. opuntiæ Lec. 51–164 Cal. Ariz.
21. biseulpta Csy. 16–243 Ariz.
22. perlata Csy. 16–244 Tex.

Paromalus Er. 34–167
6723. æqualis Say 25–41 Ind. Can. Ga.
affinis Lec. 45–66 [La. Fla.
estriatus Lec. 59–314

Isolomalus Lew. 07–316
6724. bistriatus Er. 34–171 Ind.Kan.Atl. St.M.St.
25. teres Lec. 78–609 Mich. Nfld.
26. debilis Lec. 79–515 Colo.
27. mancus Csy. 93–556 No.Cal.-B.C.
28. seminulum Er. 34–171 Atl.St.M.St. Fla. Ind. Tex.
29. ovulatus Csy. 16–246 Ky.
30. difficilis Horn 74–21 Cal.
31. complexus Csy. 93–557 Ala. La. Fla.

Dendrophilus Leach 17–76
6732. punctulatus Say 25–45 M.St. Ind.
33. californicus (Horn) 92–46 Cal. [Man.

Cærosternus Lec. 52–39
(*Tribalus* auct. nec Er.)
6734. americanus (Lec.) 45–64 Md. Tex. Ill.

Tribalister Horn 73–299
6735. marginellus (Lec.) 59–311 Md. (So.Cal.?)
striatellus Fall 17–165 R.I.

Echinodes Zimm. 69–253
6736. decipiens Horn 83–286 Ariz.
37. setiger (Lec.) 59–316 S.C. Ga.

Ulkeus Horn 85–143
6738. intricatus Horn 85–143 Kan. Tex.

Hetærius Er. 34–156
6739. helenæ Mann 14–178 Mex. Ariz.
40. morsus Lec. 59–70 Cal. Colo.
41. tristriatus Horn 74–21 Cal. [Mont.
a. loripes Csy. 16–236 Cal.
42. zelus Fall 17–165 So.Cal.
43. strennus Fall 17–167 So.Cal.
44. horni Wickh. 92–322 Wy. Mont.
45. brunneipennis Rand. 39–40 Conn. Ill. Ind.
46. blanchardi Lec. 78–609 Mass. Conn.
carinistriatus Lewis 13–85 Conn.
47. minimus Fall 07–68 Colo. N.Mex.
48. exiguus Mann 11–108 Wash.Id.
49. californicus Horn 70–137 Cal. [N.Mex.
50. wheeleri Mann 11–30 Cal.

Terapus Mars. 62–980
(*Melanotærius* Fall 07–69)
6751. infernalis Fall 07–69 Cal.
?mniszechi Mars. 62–982 Mex.

Peploglyptus Lec. 80–189
6752. belfragei Lec. 80–189 Tex.

Onthophilus Leach 17–76
6753. lecontei Horn 70–138 Cal.
54. soltani Csy. 93–557 Colo.
55. alternatus Say 25–46 Mass.-Ga. Fla.
a. nodatus Lec. 45–53
b. pluricostatus Lec. 45–51

Plegaderus Er. 34–203
6756. sayi Mars. 56–269 M.St.Ind. Mich.
57. consors Horn 73–350 Colo.Ariz. So.Cal.
58. fraternus Horn 70–141 Nev. Cal.Ariz.
59. egenus Csy. 16–279 Cal.
60. rigidus Csy. 93–576 Ut.

Plegaderus Er.

6761. cribratus Csy. 93–577 Colo.
62. convergens Csy. 16–280 Colo.
63. sulcatus Csy. 16–282 Colo.
64. modestus Csy. 93–577 Cal.
65. transversus Say 25–38 Ind.Can.Fla. Tex.N.C.Ariz.
66. nitidus Horn 70–141 Nev.Or.Cal. Id.
67. obesus Csy. 16–279 N.Mex.Neb.
68. pusillus Lec. 45–50 N.C. S.C.Tex.
barbelini Mars. 62–684 Fla.
erichsoni Lec. 63–28
69. pygidialis Csy. 16–282 Ariz.

Anapleus Horn 73–311

6770. marginatus (Lec.) 53–292 Ill.Tex.So.Cal.
71. compactus Csy. 93–558 Cal.

Bacanius Lec. 53–291

6772. punctiformis Lec. 53–288 Pa. Fla. Mo. Ind.
73. tantillus Lec. 53–291 Pa.-La. Ind.
74. globulinus Csy. 93–560 Cal.
75. misellus Lec. 53–292 M.St.Fla.
76. debilitans Csy. 93–560 Fla.
77. acuminatus Csy. 93–561 Cal.

SAPRININI

Abræus Leach 17–76

6778. bolteri Lec. 80–190 Cal.

Acritus Lec. 53–288

(*Halacritus* Schm. 93–C111)

6779. maritimus (Lec.) 51–170 Cal.
80. parallelus Csy. 16–251 Va.

(*Aeletes* Horn 73–356)

81. politus (Lec.) 53–290 Ind. M.S.W. St. Ct.
a. robustulus Csy. 16–253 Ia.
82. brevisternus Mars. 56–609 La.
83. basalis (Lec.) 51–170 So.Cal.
84. simplex (Lec.) 45–84 Fla.So. St.Ind.
acupictus Mars. 56–618
85. insignis Csy. 16–253 Ariz.

(*Acritinus* Csy. 16–254)

86. floridæ Mars. 56–693 S.C. Fla.La.
87. tenebrosus Csy. 16–254 N.C.
88. cælator Csy. 93–574 Ind.?

(*Acritus* s.str.)

89. arizonæ Horn 73–353 Ariz.
90. exiguus (Er.) 34–208 M.S.W.St.Ind. Fla L.I.La. Ia.
natchez Mars. 56–604 [Colo.
a. aciculatus (Lec.) 45–54
b. obliquus (Lec.) 45–54 Kan.
cribripennis Mars. 56–605
91. ellipticus Csy. 16–250 N.C.
92. sparsellus Csy. 16–250 N.C.
93. angustus Csy. 16–251 Ohio.
94. volitans Fall 02–238 So.Cal.
95. fimetarius Lec. 45–84 M.& S.St.
96. sallei Horn 73–355 Ga. La.
97. strigosus Lec. 53–289 Ind.So.St.Tex.
lateralis Mars. 56–621 [Fla.
a. conformis Lec. 53–289 Ga.
98. acaroides Mars. 56–618 So.St.
99. salinus Lec. 78–402 Fla.
6800. atomus Lec. 53–291 Cuba, La.?Fla.

(*Pycnacritus* Csy. 16–252)

01. discus Lec. 53–289 Ga.
02. sternalis Csy. 16–252 N.Y.
03. repletus Csy. 16–252 Ind.?

Saprinus Er. 34–172

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6804. discoidalis Lec. 51–167 So.Cal. Ariz.
amplus Csy. 16–258 So.Cal.
a latiformis Csy. 18–414 N.Mex.
05. cupreolus Csy. 16–258 Ut.

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Saprinus Er.

6806. carinifer Fall 17–167 Cal.

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07. planisternus Mars. 56–477 Tex.
08. rugipennis Mars. 56–417 N.Am.?
09. opacus Horn 94–364 L.Cal.

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10. interstitialis Lec. 51–166 Cal.

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11. pectoralis Lec. 51–166 So.Cal.(Fla.?)
12. cheyennensis Csy. 16–259 Wy.
13. behrensi Horn 73–315 So.Cal.
14. obsidianus Csy. 93–563 Ala.
15. subæratus Csy. 93–564 La.
16. obscurus Lec. 51–166 So.Cal. Ariz.
17. floridæ Horn 73–318 Fla.
18. laramiensis Csy. 93–564 Wy.
19. posthumus Mars. 56–460 Mass.Ind.Fla.
20. obsoletus Csy. 16–260 N.Y.
21. moniliatus Csy. 16–260 Mass.
22. pæminosus Lec. 51–166 So.Cal.
23. audax Csy. 93–565 N. J.
24. copei Horn 73–320 Wy.
25. suffusus Csy. 16–259 Cal.

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26. alienus Lec. 51–167 So.Cal. Ariz.
27. lugens Er. 34–181 Ariz. Colo.-
californicus Mann. 43–259 [Cal. Ind.
consimilis Walk. 66–319
28. imperfectus Lec. 45–70 Pa.? Ind.
?concinnus Mots. 49–96 Sib.
29. pennsylvanicus Payk. 11–62 Mich. Atl.-Colo.Ariz.Fla. Ind. Ct.
30. profusus Csy. 93–566 Kan.Colo.Tex.
31. oregonensis Lec. 45–75 Mich.Can.-Ariz.-Or. So.Cal.
a. distinguendus Mars. 56–441 Can.Wis.Ct.
b. spurcus Lec. 59–7 Or. Ut.
c. sejunctus Mars. 62–449 N.Mex.Wy. Man.
32. lecontei Csy. 16–262 Pa.Va.N.C.
33. impressus Lec. 45–74 Ga. [La.
34. infaustus Lec. 52–40 Pa.
piceus || Lec. 45–73

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35. æneicollis Mars. 56–424 Tex.
36. assimilis Payk. 11–63 Mich.M.St.-Tex. Ind. Ct.
extraneus Knoch 07–36 Conn.Mich.
sardous Flach 86–246 [Fla.

Saprinus Er.

6837. cubaecola Mars. 55–167 Fla.
38. conformis Lec. 45–72 Conn. Pa.-Ga. Ind. Fla. Ct.
39. placidus Er. 34–189 Ga. Mo.Fla.
latubris Lec. 59–315
40. vescus Mars. 55–488 Tex. Fla.
41. simulatus Blatch. 10–621 Ind.
42. liticolus Fall 01–236 So.Cal.
43. parumpunctatus Lec. 59–7 Kan. Ariz.
44. convexiusculus Mars. 55–404 N.C.
45. socius Csy 93–560 Ut.
46. minutus Lec. 45–73 M.St. Ind.
47. scissus Lec. 51–168 Cal.
sulcatulus Schm. 90–51 Cal.
48. ciliatoides Fall 17–168 Nev.
49. martini Fall 17–169 Cal.
50. scrupularis Lec. 59–315 So.St.
51. oviformis Blatch. 10–622 Ind.
52. wacoensis Horn 73–331 Tex.
53. laridus Lec. 51–168 Cal. Ariz.
54. detractus Csy. 93–569 Colo. Kan.
55. contractus Csy. 93–570 Ariz. Ut.
56. brevicollis Csy. 16–264 Mich.
57. insertus Lec. 51–167 Cal. Or.
obductus Lec. 51–168
vinctus Lec. 51–168
58. lentus Csy. 93–567 Cal.
59. opacellus Csy. 93–567 Cal.
60. cribrum Csy. 93–568 Wy.
61. æquipunctatus Horn 70–140 Cal.
62. ciliatus Lec. 51–168 Cal.

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63. neglectus Mars. 55–491 Ga. Fla. Conn.
64. rubriculus Mars. 55–489 ?
65. vitiosus Lec. 51–169 So. Cal. Ariz.
66. lubricus Lec. 51–169 Cal.
rotundifrons Mars. 62–464
a. plenus Lec. 51–169 Tex. Kan. N.
pratensis Lec. 59–8 [Mex. So.Cal.
67. fimbriatus Lec. 51–169 Tex.-Cal Ariz.
a. desertorum Mars. 57–442
b. orbiculatus Mars. 55–497
c. dakotanus Csy. 16–266 Dak.
68. acilinca Mars. 62–477 Tex.?
69. cœrulescens Lec. 51–169 Cal. Ariz.
70. vestitus Lec. 51–168 Cal.
71. intritus Csy. 93–570 So. Cal.
72. effusus Csy. 16–266 Cal.
73. testudo Csy. 16–267 Fla.
74. psyche Csy. 16–267 Ariz.

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(*Hypocaccus* Thoms. 67–400)
75. sphæroides Lec. 45–78 M. St. Can.
bigener Lec. 45–77 [Ind. Fla.

Saprinus Er.

6876. lakensis Blatch. 10–623 Ind.
77. illinoensis Wolc. 12–161 Ill.
78. impunctellus Csy. 93–571 Ind.
79. sparsus Csy. 16–270 Fla.
80. divulsus Csy. 16–271 Tex.
81. seminitens Lec. 63–61 Neb. Ind.
82. ferrugineus Mars. 55–712 Tex. Fla.
83. lustrans Csy. 16–269 Fla.
84. consobrinus Fall 01–237 So. Cal.
85. fraternus Say 23–40 Atl. & Lakes.
86. laxatus Csy. 93–572 Fla. [Ind.Nfld.
87. mancus Say 23–40 Ind. No.St.
88. bigemmeus Lec. 51–169 Cal. [Can.
89. parvus Csy. 16–273 So.Cal.
90. strigilarius Csy. 16–274 Id.
91. fitchi Mars. 62–494 Ind. Mass. La. N.C. Mich.
92. omissus Csy. 16–272 Dak.
93. estriatus Lec. 57–36 Or. So. Cal.
94. scabriceps Csy. 16–274 Nev.
95. laciniatus Csy. 16–275 N. Mex.
— dentipes Mars. 55–728 Mex. So. Fla.
— braziliensis Payk. 11–66 So. Fla.
— permixtus Lec. 77–401 Fla.
— rugipennis Mars. 55–417 Cal.?

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96. patruelis Lec. 45–76 Ind. M. St.-
javeti Mars. 55–709 [Kan.
97. lucidulus Lec. 51–170 So. Cal.
barbipes Mars. 57–448
98. propensus Csy. 93–572 So. Cal.
99. servilis Csy. 93–573 Tex.

(*Pachylopus* Er. 34–196)
6900. æneipunctatus Horn 70–333 Cal.
01. dimidiatipennis Lec. 24–170 M. St. Conn.
palmatus Say 25–42 N.J.
desertorum ‡ Mars. 55–715
deserticola Mars. 57–443 R.I.
02. gaudens Lec. 51–165 Cal.
03. serrulatus Lec. 51–165 So. Cal.
04. sulcifrons Mann. 43–259 Cal.

Chelyoxenus Hub. 94–309

6905. xerobatis Hub. 94–309 Fla.
06. repens (Csy.) 16–262 Fla.
07. insolitus (Csy.) 16–263 Fla.

Gnathoncus Duv. 58–112

6908. communis Mars. 62–501 N.Y. Can.
?rotundatus (Kug.) 92–304 Ind. Eur. & N. Am.?
09. deletus (Lec.) 45–74 No. Atl. St.-
10. interceptus (Lec.) 51–166 Cal. Or. [Wis.
11. idiopygus Csy. 16–255 D.C.
12. ovulatus Csy. 16–256 Cal.
13. insolarcus Csy. 16–257 Cal.

CANTHAROIDEA

LYCIDÆ

Leconte 51, 81

Lyci

Lycus Fab. 87–163

6914. cruentus Lec. 61–336 Tex. Ariz. L. Cal.
15. fernandezi Dug. 80–175 Ariz. Tex.

Lycostomus Mots. 61–136

6916. lateralis (Melsh.) 46–302 Pa. Ga. Tex. O. Fla. Conn.
17. sanguineus Gorh. 84–226 No. Mex. Ariz.
18. fulvellus Lec. 81–18 Colo.
19. loripes (Chev.) 35–148 Ariz.
20. rubescens Schffr. 08–63 Ariz.
21. femoratus Schffr. 11–120 Ariz.
22. simulans Schffr. 11–121 Ariz.

(*Rhyncheros* Lec. 81–18)
(*Dictyoptera* ‡ Melsh. 53–75 nec Latr.)
23. sanguinipennis(Say)23–178 Colo. Ariz.
?lineicollis Chev. 35–149

Calopteron Guér. 30–72
(*Digrapha* Newn. 38–381)

6924. megalopteron Lec. 61–349 Or.
25. terminale (Say) 23–178 Atl.-Cal. Ind.
a. divisum (Newn.) 38–381
dorsalis (Newn.) 38–386
duplicatum Hald. 43–203
26. reticulatum (Fab.) 75–203 Atl. Ind.
typicum (Newn.) 38–380 [Fla. Mich.
discrepans (Newn.) 38–381
a. affine (Lec.) 51–75
b. apicale (Lec.) 51–75
27. retiferum Lec. 81–20 Ariz.
28. tricarinatum Lec. 81–20 Ariz.

Cæniella Ckll. 06–242
(*Cænia* || Newn. 38–381)

6929. dimidiata (Fab.) 01–111 Atl. Conn.
scapularis Newn. 38–381 [Mich.
30. amplicornis Lec. 81–22 Colo. Ariz.

Celetes Newn. 38–381

6931. basalis Lec. 51–76 Atl. Ind. Fla.
marginella || Newn. 38–381 [Mich.
tabida Lec. 51–77
mystacina Lec. 51–77

Neoceletes Leng & Shoemaker 15–55

6932. crateraeollis L. & S. 15–56 Va.

Erotes

Lopheros Lec. 81–23

6933. fraternus (Rand.) 38–15 N. Eng. No. N.Y.

Eros Newn. 38–382
(*Omalisus* ‡ auct. nec Geof. 62–179)

6934. nigripes Schffr. 11–121 Minn.
35. thoracicus (Rand.) 38–14 Me. L.Sup.
præfectus Newn. 38–382 [Ind.

(?*Dictyopterus* Perty 30–27)
36. hamatus (Mann.) 43–245 Alas. Vanc.
37. simplicipes (Mann.) 43–245 Alas. Or.

Eros Newn.

6938. lætus (Mots.) 60–115 Alas. Vanc. Or. So. Cal.
39. aurora Hbst. 89–105 Eur. Sib. Lab. Ind. Ariz. Ga. Miss. Or. Pa. H.B.T. Alas. Conn.
coccinatus (Say) 35–155 L. Sup. Can.
mundus (Say) 35–155 Ga. Ind. [Or.

(*Erotides* Waterh. 79–37)
40. sculptilis (Say) 35–156 So. St. Ind.
axillaris Melsh. 46–302
oblitus Newn. 38–382
41. humeralis (Fab.) 01–111 Atl. St. Ind.
obliquus (Say) 35–156 [Mich.
a. incestus Lec. 51–78 Mass. Pa.
oblitus ‡ Lec. 51–78 [L. Sup.
42. trilineatus Melsh. 46–303 N.J. Va. Ga. Fla. Ill. Ind. Conn. Mich.
43. crenatus (Germ.) 24–61 Me. N.Y.
cruciatus (Rand.) 38–15 [L. Sup.

Plateros Bourg. 79–19

6944. timidus (Lec.) 51–80 Va. Ga. Fla.
a. flavoscutellatus Blateh. 14–89 Fla.
45. modestus (Say) 35–153 Fla. L.Sup. Pa. Ind. Conn.
46. canaliculatus (Say) 35–154 L.Sup. Pa. Fla.
alatus (Newn.) 38–382 [Ind. Conn.
socius (Lec.) 51–81
æger Lec. 51–80
47. californicus Van D. 18–1 No. Cal.
48. sollicitus (Lec.) 51–83 Pa. Ga. Fla.
lascivus (Lec.) 51–83 [Ind.
49. lictor (Newn.) 38–382 N.J. Ga. Fla.
nanus (Melsh.) 46–302 [Ind.
mollis (Lec.) 51–83
vilis (Lec.) 51–83
50. floralis (Melsh.) 46–302 N.Y. Pa. Ga.
minutus (Lec.) 51–82
51. nigerrimus Schffr. 08–63 Ariz.
52. sanguinicollis Horn 94–379 L. Cal.
53. coccinicollis Fall 10–139 N. Mex. Colo.
54. roseimargo Fall 10–139 Ariz.
— ?marginellus (Fab.) 01–118 N. Am.

Lygistopteri

Lygistopterus Muls. (Dej.) Cat. 33

6955. rubripennis (Lec.) 75–172 Colo. Ariz.
56. lætus Gorh. 83–227 Ariz.

Calochromus Guér. 33–158

6957. fervens Lec. 81–28 Colo.
58. perfacetus (Say) 25–21 Pa. Atl. St. Tex.
substriatus (Lec.) 51–74 [Ind. Mich.
59. ruficollis (Lec.) 75–172 Colo. Or.
60. dimidiatus (Lec.) 75–172 Cal. Nev.
61. slevini Van D. 18–1 Cal.

Lycaina Dugès 78–180

6962. marginata Gorh. 83–209 Ariz.
63. discoidalis Horn 85–150 S.W. Tex. Ariz.

LAMPYRIDÆ

E. Olivier 10

LAMPROCERINI

Pleotomus Lec. 61–184
6964. pallens Lec. 63–69 Tex.
65. davisi Lec. 81–37 Ky.
66. nigripennis Lec. 84–20 Ariz.

Calyptocephalus Gray 32–370
(*Pollaclasis* Newn. 38–382)
(*Polyclasis*) Lec. 51–332)
6967. bifaria (Say) 35–137 Ohio, Ind.
ovata (Newn.) 38–383

Matheteus Lec. 74–58
6968. theveneti Lec. 74–58 Cal.

Ginglymocladus Van D. 18–2
6969. discoidea Van D. 18–3 Cal.
70. luteicollis Van D. 18–4 Cal.

LUCIDOTINI

Lucidota Lap. 33–136
(*Rileya* E. Oliv. 11–71)
6971. atra (Fab.) 92–101 Pa. N. Y. Ga. Ill. Ind. Fla.
laticornis (Fab.) 92–99 Mich. Conn.
morio (Melsh.) 46–203
a. tarda Lec. 51–332
72. punctata Lec. 51–333 M.& S.St. Ind.
(*Ellychnia* Lec. 51–333) [Ariz.
73. flavicollis (Lec.) 68–53 N. Mex. Colo.
facula Lec. 57–17 Or.
74. californica (Mots.) 53–3 Vanc.-Cal. Ariz. So. Cal.
75. corrusca (L.) 67–644 Atl. St.-Colo. Ind. Nfld. So. Cal. Ariz. Mich. [Conn.
latipennis (Mots.) 53–3
a. autumnalis (Melsh.) 46–303 Ind.
corrusca ‡ (Mots.) 53–2

Lucidota Lap.
b. lacustris (Lec.) 51–334 L.Sup. II.B.T. [Ind.
(*Pyropyga* Mots. 52–28)
6976. luteicollis Lec. 78–405 Fla.
77. fenestralis (Melsh.) 46–304 Pa. L.Sup. Colo. Cal. Ind.
californica (Mots.) 53–5 [So. Cal. Ariz.
sobrinus (Gorh.) 81–49
reversus (Gemm.) 70–120
78. nigricans (Say) 23–179 Can. Mass. Pa. Va. Ind. Ariz.
79. decipiens (Harris) 36–74 N.Y. Tex. Ariz. Fla. Ind. Mich. Conn.
80. minuta (Lec.) 51–333 N.J. Fla.
81. indicta (Lec.) 81–32 Cal. Mich.
82. simplex Lec. 85–20 Ariz.

Tenaspis Lec. 81–33
6983. angularis (Gorh.) 80–7 Tex. No. Mex.

PHOTININI

Pyractomena Lec. 50–228
(*Lecontea* E. Oliv. 99–371)
6984. angulata (Say) 25–162 Fla. Can. Mass. [Ill. Ga. Ind.
flavocincta (Lec.) 51–336
85. borealis (Rand.) 38–16 Me.-Mont. Ind.
86. ecostata (Lec.) 78–406 Fla. N.J.
nitidiventris (Lec.) 78–406
87. lucifera (Melsh.) 46–304 Mass. Pa. Tex. Ind.
linearis (Lec.) 51–336 Mich. Ga. Fla.
angustata (Lec.) 51–336
punctiventris (Lec.) 78–407

Photinus Lac. 57–321
(*Pyrectosoma* Mots. 52–38)
6988. consanguineus Lec. 51–335 Mass. Pa. Va.
vittiger || Lec. 51–336 [Ga. Fla. Ind.
zonatus Gemm. 70–120
89. lineellus Lec. 51–335 Ga. Fla.
90. ardens Lec. 51–334 Mass. L. Sup. [Kan. Ind.
obscurellus Lec. 51–335
tædifer Lec. 51–334

Photinus Lac.
6991. punctulatus Lec. 51–335 Ill. Kan.
92. umbratus Lec. 78–407 Fla.
93. dimissus Lec. 81–35 Tex.
94. collustrans Lec. 78–407 Fla. Tex.
(*Ellipolampis* Mots. 52–27)
95. benignus Lec. 81–35 Tex.
96. pyralis (L.) 67–644 Pa. Ill. Tex. [Ind.
centrata (Say) 25–162
rosata (Germ.) 24–62
versicolor‡ Mots. 53–39
97. marginellus Lec. 51–335 Pa. Va. Tex. Conn.
98. castus Lec. 51–335 Pa. Ga.
(*Gynaptera* Lec. 63–52)
(*Macrolampis* Mots. 53–37)
99. scintillans (Say) 25-163 Mass. Pa. Kan. Ind.
7000. frigidus E. Oliv. 88–54 Nfld.
— olivieri Lap. 33–141 N.A.?
pyralis Oliv. 90–17 nec. L.

LAMPYRINI

Microphotus Lec. 66–89
7001. dilatatus Lec. 66–90 L. Cal.
02. angustus Lec. 74–58 So. Cal. Colo. Or. Fla.

Microphotus Lec.
7003. rinconis Fall 12–44 So. Ariz.
04. octarthrus Fall 12–45 So. Ariz.
a. pecosensis Fall 12–45 N. Mex.

Microphotus Lec.
7005. decarthrus Fall 12–45 So. Ariz.
06. robustus E. Oliv. 11–79 So. Cal.
07. abbreviatus E. Oliv. 12–26 Ariz.
08. fragilis E. Oliv. 12–26 Ariz.

Phausis Lec. 51–337
(*Lamprorhiza* ‡ Duv. 59–15
7009. splendidula (L.) 67–644 Eur. Md. Ill.†
10. reticulata (Say) 25–163 Ga. Tenn. Tex.
11. inaccensa Lec. 78–611 L. Sup. Ind.
12. riversi Lec. 87–20 Cal.

PHOTURINI

Photuris Lec. 51–337
7013. pennsylvanica (DeG.) 74–52 N.Y. Fla. Kan. Ind.
versicolor (Fab.) 98–123 Conn. Mich.
marginata (Panz.) 89–31 Bahamas.
lineaticollis (Mots.) 54–59
vittigera (Mots.) 54–60

Photuris Lec.
7014. frontalis Lec. 51–337 Ga. Fla. Tex.
15. divisa Lec. 51–337 Kan.
congener Lec. 51–338

PHENGODIDAE[1]

Peyerimhoff, 1913

PTEROTINI

Pterotus Lec. 59–86
7016. obscuripennis Lec. 59–86 Cal. So. Cal.

PHENGODINI

Zarhipis Lec. 81–39
7017. integripennis Lec. 74–59 Cal. So. Cal.
18. piciventris Lec. 81–39 Cal.
19. ruficollis Lec. 81–39 Cal.
20. riversi Horn 85–148 Cal.

Phengodes Ill. 07–341
7021. picicollis Horn 91–40 Minn.
22. fusciceps Lec. 61–186 Tex.

Phengodes Ill.
7023. plumosa (Oliv.) 90–28 Ga. N. Y. Ind.
— ?longicornis ined. (Smith 09.298) [Fla.
— ?plumicornis Grif. 32 pl. 39, fig. 3.
24. laticollis Lec. 81–39 N. C.
25. sallei Lec. 81–39 La.
26. bellus Barber 13–343 So. Cal.
27. frontalis Lec. 81–39 Tex.

MASTINOCERINI

Euryopa Gorh. 81–108
— sp. Ariz.

Cenophengus Lec. 81–41
7028. debilis Lec. 81–41 Cal. So. Cal.
29. pallidus Schffr. 04–213 Tex.

Paraptorthodius Schffr. 04–212
7030. mirabilis Schffr. 04–212 Tex.

Mastinocerus Sol. 49–441
7031. texanus Lec. 74–59 Tex.

Mastinocerus Sol.
7032. opaculus Horn 95–241 Ariz. So. Cal.
33. californicus Van D.18–5 Cal.

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Tytthonyx Lec. 51–347
7034. erythrocephala (Fab.) 01–105 M. St. Ind.
serraticornis (Melsh.) 46–305
35. ruficollis Schffr. 04–214 Tex.

Spathizus Lec. 84–20
7036. bicolor Lec. 84–21 Ariz.

OMETHINI

Omethes Lec. 61–187
7037. marginatus Lec. 61–187 O. Conn.

Blatchleya Knab 10–833
(*Blanchardia* || Bl. 10–826)
7038. gracilis Blatch. 10–826 Ind.

CANTHARIDÆ

(*Telephoridæ*)

CHAULIOGNATHINI

Chauliognathus Hentz 30–460
7039. profundus Lec. 58–71 Ariz.
40. ineptus Horn 85–150 Ariz.

Chauliognathus Hentz
7041. obscurus Schffr. 09–379 Ariz.
42. vittatus Schffr. 09–380 Ariz.

† Introduced?

[1] The correct position of some of the genera here grouped in Phengodidæ is doubtful. Pterotus may belong nearer to Matheteus; Tytthonyx and Spathizus in Telephoridæ; the tribe Omethini in Dascillidæ or a separate family near it. Mr. Herbert S. Barber has studied these genera but his conclusions are not yet published

Chauliognathus Hentz
7043. discus Lec. 53–230 Tex.
44. misellus Horn 85–150 Ariz.
45. fasciatus Lec. 81–44 Utah.
46. limbicollis Lec. 58–71 Tex. Colo. N. Mex. Ariz.
47. basalis Lec. 59–13 Colo. Utah, [Ariz.
48. scutellaris Lec. 58–230 Tex. Ariz.

Chauliognathus Hentz
7049. lewisi Cr. 74–78 N. Mex. Ariz.
50. opacus Lec. 66–90 Ariz.
51. pennsylvanicus DeG. 74–78 N.Y. Mo. Ga. Tex.Ind.Conn.
americanus Forst. 71–50
bimaculatus Fab. 81–259
52. marginatus Fab. 75–206 N.Y. Fla. Ind.
hentzi Lec. 51–338

CANTHARINI

Podabri

Podabrus Westw. 40–37
(*Brachynotus* Kby. 37–247)
7053. latimanus (Mots.) 59–4021 Cal.
melliflnus Lec. 61–360
54. nothoides Lec. 81–46 Mass. L. Sup.
55. tricostatus (Say) 35–158 Can. Pa. Ind.
bennetti (Kby.) 37–249
atripes Mots. 59–403
56. rugulosus Lec. 50–229 L Sup. Mass. Kan. Ind.
57. frater Lec. 51–344 Va. Ga. Fla.
quadricollis Mots. 59–403 [Ind.
58. basillaris (Say) 23–181 Atl. Ind.
a. discoideus Lec. 51–344
b. punctulatus Lec. 59–44 Kan.
59. quadratus Lec. 81–46 Tex.
60. fissus Lec. 81–46 Fla.
61. diadema (Fab.) 01–298 Alt. L.Sup.
parvicollis (Mots.) 59–402
62. modestus (Say) 23–179 L.Sup.Pa.Ga. Ind. Conn. (Nfld.?)
a. flavicollis Lec. 51–343
63. binotatus Lec. 81–47 Cal.
64. comes Lec. 51–344 So. Cal. Or.
torquatus Lec. 61–350 [Mont. Ariz.
gradatus Lec. 60–320
65. mexicanus Gorh. 85–284 Ariz.
66. tomentosus (Say) 25–165 Ill. Cal. Ind.
rufiolus Melsh. 46–304
pruinosus Lec. 51–344
cinereipennis Mots. 59–403
67. protensus Lec. 66–91 Conn. O. Pa.
fayi Lec. 66–91 [Ind.
68. brunnicollis (Fab.) 81–258 Ind.
limbatus (Fab.) 81–258
a. poricollis Lec. 52–49 Pa. Ga. Ill.
punctlcollis || Lec. 51–345 [Tex.

(*Malthacus* Kby. 37–247)
69. scaber Lec. 61–350 Or. Vanc. Ut.
70. cinctipennis Lec. 66–91 Pa. [Alas.
71. limbellus Lec. 81–47 N. H.
72. punctatus Lec. 50–229 Can. L. Sup. [Pa.
73. brevipennis Lec. 78–460 Colo.-B. C.
74. punctlcollis (Kby.) 37–247 L. Sup. N. H.
marginellus Lec. 50–229
75. xanthoderus Lec. 81–48 Cal. B. C.
76. lutosus Lec. 81–48 Nev. Vanc.
77. macer Lec. 61–350 Cal.
78. piniphilus (Esch.) 30–65 Lab.Can.Alas.
79. lateralis Lec. 76–297 Colo. N. Mex.
80. puberulus Lec. 50–227 L. Sup. Can.
?sericatus Mann. 46–511 [Alas.
81. extremus Lec. 81–48 H.B.T. Lab.
82. simplex Couper 65–62 Can. Fla.

Podabrus Westw.
7083. lævicollis (Kby.) 37–248 Lab. N.H. L. Sup. Nfld.
84. tejonicus Lec. 59–74 Cal.
85. bolteri Lec. 81–49 Can. Pa.
86. pattoni Lec. 66–394 Cal.
C.
87. mellitus Lec. 81–49 Cal. Nev.
88. corneus Lec. 61–350 Cal.
89. cavicollis Lec. 51–345 Cal. Nev.

Cantharis L. 58–400
(*Telephorus* Schaeff. 66–123)
A. (*Ancistronycha* Märk. 51–592)
7090. decipiens Horn 94–380 L. Cal.
91. dentiger Lec. 51–341 Conn. N. Y. Tex. Ind.
92. excavatus Lec. 51–342 Conn. N. Y. Ill. Fla. Ind.
93. vilis Lec. 51–343 N. Y.
94. tantillus Lec. 81–69 Ill.
pusio || Lec. 81–51
95. walshi Lec. 81–51 Ill.
96. fraxini Say 23–181 Lab. Colo.-
ater Kby. 37–245 [Alas. Conn.
binodula (Mann.) 46–512
nigrita Lec. 50–229

B. (*Rhagonycha* Esch. 30–64)
97. carolinus Fab. 01–296 L.Sup. Pa. Ind.
jactatus Say 25–167 Kan. [Conn.
98. lineola Fab. 92–219 Can. Fla. Tex.
parallela Say 25–168 [Conn. Ind.
sayi Lec. 51–342 Nfld.
a. angulatus Say 23–180
99. costipennis Lec. 84–21 Fla.
7100. nigritulus Lec. 81–52 Lab. H. B. T.
01. rectus Melsh. 46–305 L. Sup. Ind.
pusillus Lec. 51–343 [Conn.
oriflavus Lec. 74–273
rufipes || Say 23–182 Pa.
02. albolineatus Blatch. 17–143 Fla.
03. nanulus Lec. 81–52 Mich.
04. cruralis Lec. 51–342 Ga.
05. flavipes Lec. 51–341 Ill. Kan. Ind.
a. dichrous Lec. 51–341 Kan. Tex.
06. scitulus Say 25–168 Atl. St. Ind.
imbecilis Lec. 51–342 Fla.
a. nigriceps Lec. 50–230
07. pusillus Lec. 51–343 Va. Ga. Ind.
08. luteicollis Germ. 24–70 Mich. Ga. Ind.
cinctellus Lec. 51–341
09. ruficollis Lec. 81–53 Colo.
10. longulus Lec. 51–343 Fla. Ga.
C.
11. impar Lec. 81–53 Tex.

D.(*Telephorus* s.str.)
12. consors Lec. 51–340 So. Cal.

Cantharis L.
tibialis || Lec. 51–340 ♀
tibiellus Gemm. 70–121
7113. rotundicollis Say 25–165 L. Sup.-Va.
14. curtisi Kby. 37–247 L. Sup.-B.C.
samouelli Kby. 37–246 [Lab.
?westwoodi Kby. 37–246
15. transmarinus Mots. 59–400 Cal.
16. grandicollis Lec. 51–340 Cal.
rubricollis Mots. 59–400
17. fidelis Lec. 51–340 Colo. N. Mex.
18. oregonus Lec. 66–92 Or.B.C.
scopus Lec. 66–92
19. tuberculatus Lec. 51–341 Can.-Ky. Ind.
impressus Lec. 51–341
brevicollis Lec. 51–341 ♀
a. armiger Couper 65–62
collaris || Lec. 51–340
20. alticola Lec. 81–54 Colo. Wy.
21. bilineatus Say 23–182 Atl.-Kan. Ind.

E. (*Cyrtomoptila* Mots. 59–401)
(*Cyrtomoptera* Mots. 59–401)
22. divisus Lec. 51–340 No. Cal. Vanc.
latinsculus Mots. 59–401 Alas.
23. notatus Mann. 43–246 Cal. (So.Cal.?)
peregrinus Boh. 58–80
24. lautus Lec. 51–340 Cal. So. Cal.
25. ochropus Lec. 81–54 So. Cal.
F.
26. ingennus Lec. 81–55 Nev. So. Cal.
G.
27. marginellus Lec. 51–342 Ga. Fla.
28. insipidus Fall 07–235 N. Mex.
29. simpliunguis Blatch. 10–836 Ind.
— ?vittata Fab. 75–219 S. C.

Polemius Lec. 51–338
7130. princeps Lec. 84–21 Ariz.
31. strenuus Lec. 84–21 Ariz.
32. marginicollis Lec. 84–21 N. Mex.
33. regularis Fall 07–235 N. Mex.
34. binotatus Fall 07–236 Ariz.
35. niger Schffr. 08–65 Ariz.
36. arizonensis Schffr. 08–65 Ariz.
37. laticornis (Say) 25–168 Ill. Fla. Tex.
incisus Lec. 51–168 [Ind. Conn.
?invalida Say 35–158 Ind.
dubius Melsh. 46–304
undulatus (Lec.) 51–341
38. repandus Lec. 81–55 Pa. Ga. Tex.
Ind.

Polemius Lec.
7139. limbatus Lec. 51–339 Pa. Fla. Tex.
40. languidus Horn 94–380 So. Cal.

Discodon Gorh. 81–78
7141. telephoroides Schffr. 09–380 Ariz.
42. abdominale Schffr. 09–380 Ariz.
43. bipunctatum Schffr. 08–64 Ariz.
44. flavomarginatum Schffr. 08–65 Ariz.
45. planicollis Lec. 58–17 Tex. N. Mex.
platyderum Gemm. 69–1670

Silis Latr. 29–471
7146. spinigera Lec. 74–61 Or. Cal. Ut.
a. munita Lec. 81–56 Id. Colo. Cal.
47. difficilis Lec. 50–230 H.B.T.-N.
a. flavida Lec. 74–61 Cal.Nev.[Mex.
b. carbo Van D. 18–164 Cal.
48. atra Lec. 84–22 Wash. Or.
49. cava Lec. 74–61 Or. Cal.
50. rugosa Van D. 18–164 No. Cal.
51. pallida Mann. 43–246 Alas. Or.
a. maritima Van D. 18–164 Or.
52. percomis (Say) 35–159 Can. Mich. Ind. O. Mass. Tex.
longicornis Lec. 50–230 ♂
curtus (Lec.) 50–231 ♀
53. vulnerata Lec. 74–61 Or.Wash.Colo.
54. filicornis Van D. 18–165 Cal.
55. lutea Lec. 53–78 No. Cal. Or.
pallens || Lec. 53–78
a. filigera Lec. 74–62 Wash. So.Cal.
56. descrticola Van D. 18–165 Cal.
57. spathulata Lec. 81–57 Ill. Ind. N.Y.
58. arizonica Van D. 18–165 Ariz. [N. C.
59. fenestrata Van D. 18–165 Cal.

(*Plectonotum* Gorh. 85–306)
7160. excisum Schffr. 08–67 Ariz.

(*Ditemnus* Lec. 62–189)
61. bidentatus (Say) 25–169 Pa. Ga. Ind. E. St. Conn.
62. latilobus Blatch. 10–837 Ind. Kan. Mo.
63. obtusus Lec. 74–62 Cal. So. Cal.
64. fossiger Lec. 81–58 Tex.
65. tricornis Van D. 18–166 Ariz.
66. perforata Lec. 81–57 Tex.
67. nigerrima Schffr. 08–66 Ariz.
68. abdominalis Schffr. 08–66 Ariz.

MALTHINI

Kiesenwetter 52; Leconte 81

Trypherus Lec. 51–346
(*Lygerus* Kies. 52–246)
7169. latipennis (Germ.) 24–72 Pa. Va. Ga.
marginalis (Say) 24–192 [Ind. Ct.

Belotus Gorham 81–99
(*Lobetus*‡ auct. nec Kies. 52–244)
7170. abdominalis (Lec.) 51–347 Ga. Fla. Tex.

Malthinus Latr. 06–261
7171. atripennis Lec. 81–60 Tex.
72. occipitalis Lec. 51–345 Va. Ga. Ind.
difficilis Lec. 51–345 N. C. Fla.
73. subcostatus Schffr. 08–67 Ariz.

Malthodes Kies. 52–265
7174. bicolor Lec. 84–22 Ariz.
A.
75. spado Lec. 66–93 Pa. Ga.
76. lignlifer Berg. 89–203 Cal.
B.
77. laticollis Lec. 65–53 So. Cal. Is.
transversus || Lec. 61–351
78. concavus Lec. 51–346 N.Y.N.H.Pa. Mass. Ind. Ct.
C.
79. fragilis Lec. 51–346 Pa. Va. Ga.
transversus Lec. 51–346 N.Y. [(Cal.)?
80. exilis Melsh. 46–305 Pa. Md. Ind.

Malthodes Kies.

fulvicollis Kies. 52-330 Pa.
?ruficollis Kies. 52–320 Lec. 81–72
7181. fusculus Lec. 51–346 Cal. So. Cal.
82. rectus Lec. 81–61 Va. Ga.
83. curvatus Lec. 81–61 Ill.
84. lucanus Horn 95–240 L. Cal.
85. furcifer Lec. 81–62 Colo.
86. arcifer Lec. 81–62 Md.
87. captiosus Lec. 81–61 Va.

Malthodes Kies.

7188. fuliginosus Lec. 66–93 L. Sup. N. H.
89. niger Lec. 51–346 L. Sup. N. H.
♀ ♀
90. analis Lec. 81–62 M. St.
91. congruus Lec. 81–62 Va.
92. quadricollis Lec. 81–63 L. Sup.
93. parvulus Lec. 51–346 L.Sup. Mass.
— ?marginipennis Lap. 35–270 Am. Bor.

MELYRIDÆ

MALACHIINAE

Leconte 52; Horn 70, 72; Casey 95; Fall 01, 12

Collops Er. 40–54

A

7194. cribrosus Lec. 52–164 B.C. So. Cal.
cyanipennis Mots. 59–404 ♀ Cal.
95. parvus Schffr. 12–185 Ariz. N. Mex. Tex.
96. tricolor (Say) 23–183 Ct. Que.-Va.
a. sublimbatus Schffr. 12–187 Ga. [Ind. Fla.
97. vicarius Fall 12–258 Ind. Okla.
98. punctatus Lec. 52–164 Kan. Neb. Colo. N. Mex.
a. nigritus Schffr. 12–185 Ariz.
99. dux Fall 12–259 Tex.
7200. marginicollis Lec. 52–164 So.Cal. Utah.
01. aulicus Er. 40–55 Ariz.
a. claricollis Fall 12–260 So. Cal.
02. reflexus Lec. 76–517
03. hirtellus Lec. 76–517 N. Mex. Sask.
a. lucens Fall 12–261 N. Mex.
04. discretus Fall 12–261 Colo.
05. subtropicus Fall 12–262 Fla.
06. subæneus Fall 12–262 Cal.
07. nigriceps (Say) 23–183 Mass. Fla. Ala.
eximius Er. 40–57
a. floridanus Schffr. 12–185 Fla.
08. bipunctatus Say 23–185 Kan. So. Cal.-Ariz.

B.

09. limbellus G. & H. 68–121 Neb. Cal.-
limbatus || Lec. 66–94 [Ariz.
10. georgianus Fall 10–141 Ga.
11. flavicinctus Fall 10–140 Ariz.
12. laticollis Horn 70–83 L. Cal.
13. granellus Fall 12–265 Ariz. Utah.
14. marginellus Lec. 52–164 Ariz. So. Cal.
15. vittatus (Say) 23–184 Ct. Que.-Ariz.
haworthi Westw. 53–98 Mex.
16. necopinus Fall 12–267 So. Cal.
17. punctulatus Lec. 52–165 So. Cal. Ariz.
a. insulatus Lec. 66–94 [N. Mex.
b. utahensis Schffr. 12–187 Utah, Colo.
c. texanus Schffr. 12–187 Tex. Ariz.

C.

18. validus Horn 70–82 Mex. L. Cal.
19. crusoe Fall 10–140 So. Cal. Is.
20. pulchellus Horn 70–83 Ariz. Tex.
21. histrio Er. 40–59 Ariz. Cal.-N. Mex.
argutus Fall 01–242 Cal. So. Cal.
22. scutellatus Schffr. 12–186 Tex.
23. similis Schffr. 12–187 Utah
24. tibialis Schffr. 12–186 Ariz. N. Mex.

Collops Er.

7225. confluens Lec. 52–164 Kan. Utah
26. femoratus Schffr. 12–186 Ariz.
27. quadrimaculatus (Fab.) 98–70 R.I. Ct. Tex. Ariz. Ind. Fla.
ruficollis (Fab.) 98–83
28. balteatus Lec. 52–230 Tex.
29. versatilis Fall 12–273 No. Cal. Or. Utah, Ariz.

Trophimus Horn 70–84

7230. æneipennis Horn 70–84 Colo.

Temnopsophus Horn 72–111

7231. bimaculatus Horn 72–111 La. Fla.
32. impressus Sz. 78–364 Fla.

Endeodes Lec. 59–122

7233. basalis (Lec.) 53–168 Cal.
34. abdominalis (Lec.) 53–168 Cal. So. Cal.
35. collaris (Lec.) 53–168 Cal. So. Cal.

Chætocœlus Lec. 80–194

7236. setosus Lec. 80–194 Tex. Md. Fla.

Attalusinus Leng 18–206

7237. submarginatus (Lec.) 52–167 Ariz.

Malachius Fab. 75–207
(*Hapalorhinus* Lec. 59–75)

7238. æneus (L.) 61–202 Eur. Can.N. Eng. N.Y. Ct.
39. biguttulus Horn 70–87 Cal. Ariz.
40. viridulus Fall 10–143 So. Cal.
41. auritus Lec. 52–165 So.Cal. Or.
42. uniformis Fall 10–142 So. Cal.
inornatus || Fall 01–243
43. contortus Fall 10–142 Mont.
44. pristinus Fall 01–244 So. Cal.
45. acutipennis Fall 01–245 So. Cal.
46. horni Fall 17–88
spinipennis || Horn 74–27 So. Cal.
47. mirandus (Lec.) 59–75 Cal.
48. bakeri Fall 10–143 Cal.
49. theveneti Horn 74–28 So. Cal.
50. directus Fall 01–245 So. Cal.
51. macer Horn 74–27 Cal.
52. mixtus Horn 72–113 Cal.
53. ulkei Horn 72–114 Dak.
54. montanus Lec. 76–517 No. N. Mex.
55. nigrinus Fall 01–246 So. Cal.

Tanaops Lec. 59–74
(*Caphalistes* Mots. 59–209)
7256. angusticeps Fall 17–69 Cal.
57. abdominalis Lec. 59–74 So. Cal.
58. ignitus Fall 17–70 Cal. Or.
59. antennatus Fall 17–70 So. Cal.
60. longiceps (Lec.) 52–165 So. Cal.
apicalis (Mots.) 59–409
unicolor (Mots.) 59–410
61. spinifer Fall 17–71 Ariz.
62. terminalis Fall 17–71 Cal.
63. dubitans Fall 17–72 Cal.
64. mimus Fall 17–72 Ut. Colo.
65. coelestinus Gorh. 86–320 Mex. Ariz.
66. complex Fall 17–73 Ariz.
67. repens Fall 17–73 Cal.

Microlipus Lec. 52–168
7268. prolixicornis (Fall) 01–246 So. Cal.
69. productus Fall 17–76 So. Cal.
70. franciscanus Fall 17–76 Cal.
71. laticeps Lec. 52–168 ♂ Cal. So. Cal.
? uniformis (Mots.) 59–405 ♀
72. æqualis Fall 17–77 So. Cal.
73. lævicollis Horn 72–116 Neb.
74. mœrens (Lec.) 59–283 Cal.
75. longicollis (Mots.) 59–405 Cal. So. Cal.

Anthocomus Er. 40–97
7276. erichsoni Lec. 52–165 Fla.M.St.Ind.
otiosus‡ Er. 40–99
lateralis Lec. 52–165
77. flavilabris (Say) 25–169 E.& M.St.Ind.
cœruleus (Rand.) 38–16
78. ventralis Horn 72–118 Ariz.

Pseudebæus Horn 72–118
(*Ebæus*‡ Lec. 52–167)
7279. apicalis (Say) 25–170 Fla.M.& S.St.
a. minutus (Melsh.) 46–305 [Ind.
80. bicolor (Lec.) 52–167 Ariz. Fla. M. & S.St. Ind.
81. pusillus (Say) 25–170 So.St. (Cal?)
82. oblitus (Lec.) 52–167 Fla. Can.-Ga.
83. obscurus Lec. 79–515 Colo. [Ct.Ind.
?labiatus Fab. 01–310

Attalus Er. 40–89
(*Atcletus* Lec. 52–167)
(*Scalopterus* Mots. 59–406)
7284. rostratus Horn 72–121 Cal.
85. trimaculatus (Mots.) 59–407 Cal. So.Cal.
elegans Horn 70–86
86. demissus Fall 17–83 Colo.

Attalus Er.
7287. serraticornis Fall 17–82 So.Cal.N.Mex.
88. dimidiatus Fall 17–82 So.Cal. [Tex.
89. oregonensis Horn 72–122 Or. So. Cal.
90. nigrellus (Lec.) 52–167 L.Sup. [Ariz.
91. tuberculifrons Fall 17–84 Ariz.
92. lecontei Champ. 14–60
basalis || (Lec.) 52–166 So. Cal. Ariz. L. Cal.
93. glabrellus Fall 17–85 Cal.
94. terminalis (Er.) 40–108 Ct. M.& S.St. [Ind.
hæmorrhoidalis (Mots.) 59–408
95. rufomarginatus (Mots.) 59–406 Cal. So. Cal.
96. varians Horn 72–123 Tex. La. Fla.
97. zebraicus Blatch. 14–90 Fla.
98. rusticus Fall 17–85 So. Ariz.
99. foveiventris Fall 17–86 Ariz.
7300. granularis (Er.) 40–112 So. St. Ind.
01. futilis Fall 17–87 N. Mex.
02. grisellus Fall 17–87 N. Mex.
03. morulus (Lec.) 52–167 Fla. Can.D.C. Ct. Kan. Ariz. Ind.
04. pallifrons (Mots.) 59–408 Ct. Can. D.C.
05. semirubidus Fall 17–83 Ala. [Kan.Ind.
06. melanopterus (Er.) 40–110 Tenn. Ind.
a. marginipennis Blatch. 10–845 Ind.
07. atripennis Fall 17–85 Ariz.
08. humeralis Lec. 66–94 Ill.
09. sctosus Horn 94–381 L. Cal.
10. unicolor Horn 94–381 L. Cal.
11. pettiti Horn 72–124 Can. Ind.
12. rufiventris Horn 72–125 O.-Tex. Ariz.
parallelus Horn 72–124 Tex.
13. nigripes Horn 70–85 Colo.
14. otiosus (Say) 24–48 Ct.Atl.St.Ind.
nigripennis || (Say) 23–184
15. circumscriptus (Say) 23–185 So.St.Ind.Fla. Ariz.
16. cinctus (Lec.) 52–166 So. Cal. Ariz.
17. difficilis (Lec.) 52–166 So. Cal. Ariz.
18. lobulatus (Lec.) 61–54 So. Cal. Ariz.
lobatus || (Lec.) 52–166
19. dilutimargo Fall 17–84 Ariz.
20. transmarinus Fall 98–267 So.Cal. Is.
subfasciatus || Fall 97–243
falli Champ. 14–657
21. subfasciatus Gorh. 86–320 Ariz.
22. scincetus (Say) 25–170 Ct. Atl.-Colo. Ind. Fla.
infuscatus (Mots.) 59–407
a. confusus Blatch. 10–846 Ind.

MELYRINÆ

Leconte 66; Casey 95, 97

DASYTINI

Pristoscelis Lec. 62–193
7323. grandiceps Lec. 66–355 Cal. So. Cal.

Eudasytes Csy. 95–460
7324. amplus Csy. 95–461 Cal.
25. oblongus Csy. 95–462 Utah.
26. ursinus Csy. 95–463 So. Cal.

Asydates Csy. 95–464
7327. rufiventris Csy. 95–464 So. Cal.

Asydates Csy.
7328. explanatus Csy. 95–465 So. Cal.

Trichochrous Mots. 59–392
(*Byturosomus* Mots. 59–395)
(*Emmenotarsus* Mots. 59–394)
(*Pristoscelis* Lec. pars)
— ?californicus Mots. 59–393 Cal.
7329. compactus Csy. 95–474 So. Cal.
30. brevis Csy. 95–474 Cal.

Trichochrous Mots.
7331. oregonensis (Lec.) 66–351 Or.
32. agrestis Csy. 95–476 Cal.
33. fraternus Csy. 95–477 Cal.
34. cylindricus Mots. 59–393 Cal.
ater Bland 64–253
35. laticollis (Mann.) 43–247 Cal.
36. castus Csy. 95–479 Utah.
37. sinuosus Csy. 95–479 Cal.
38. transversus Csy. 95–480 Cal.
39. sparsus Csy. 95–481 Colo.
40. ciliatus Csy. 95–481 Tex.
41. atricornis (Lec.) 66–352 Ariz.
42. fulvotarsis Bland 64–254 Cal.
43. antennatus Mots. 59–394 Cal. So. Cal.
44. discipulus Csy. 95–484 Cal.
45. caseyi Champ. 14–106 Cal.
femoralis ‖ Csy. 95–485
46. griseus (Lec.) 52–169 So. Cal.
antennatus‡ Lec. nec Mots.
rufipes (Mots.) 59–395
47. simulans Csy. 95–486 Tex.
48. modestus Csy. 95–487 Kan.
49. separatus Csy. 95–487 Cal.
50. pudens Csy. 95–488 Ariz.
51. indigens Csy. 95–489 Cal.
52. incipiens Csy. 95–489 Ariz.
53. erythropus (Lec.) 52–170 Tex.
54. convergens (Lec.) 66–352 Ariz.
55. innocens Csy. 95–492 Cal.
56. apicalis Csy. 95–492 So. Cal.
57. egenus Csy. 95–493 Utah.
58. umbratus (Lec.) 66–352 Ariz. Cal. So
59. nubilatus Csy. 95–495 Cal. [Cal.
60. suffusus Csy. 95–495 So. Cal.
61. propinquus Csy. 95–496 So. Cal. Ariz.
62. fulvovestitus Csy. 95–497 Ariz. So. Cal.
63. ferrugineus Gorh. 86–330 Ariz.
a. exiguus Csy. 95–497
64. testaceus Csy. 95–498 So. Cal.
65. fallax Csy. 95–499 Cal.
66. inæqualis Csy. 95–500 Colo.
67. subcalvus Csy. 95–500 So. Cal.
68. funebris Csy. 95–501 Colo.
69. vittiger Csy. 95–502 N. Mex.
70. prominens Csy. 95–502 So. Cal.
71. cuspidatus Csy. 95–503 So. Cal.
72. indutus Csy. 95–503 Ariz.
73. fimbriatus Csy. 95–504 Cal.
74. pruinosus Csy. 95–505 Cal.
75. fuscus (Lec.) 52–169 So. Cal.
76. seriellus Csy. 95–506 Utah, So.Cal.
77. sobrinus Csy. 95–507 Cal.
78. mucidus Csy. 95–508 Cal.
79. brevicornis (Lec.) 52–169 So. Cal.
vilis Csy. 95–509 So. Cal.
80. insignis Csy. 95–510 S. E. Cal.
81. curticollis Csy. 95–511 Cal.
82. suturalis (Lec.) 52–169 So. Cal.
conformis (Lec.) 52–169
83. varius Csy. 95–512 Ariz.
84. quadricollis (Lec.) 59–75 So. Cal.
remotus Csy. 95–514 Cal.
85. conspersus Csy. 95–514 So. Cal.
86. placatus Fall 07–238 N. Mex.
87. similis Fall 07–239 N. Mex.
88. rufipennis (Lec.) 58–71 Ariz.
89. lobatus Csy. 95–516 So. Cal.
90. brevipilosus (Lec.) 66–353 Cal.
91. hystrix Csy. 95–517 Cal.

Trichochrous Mots.
7392. barbaræ Csy. 95–518 So. Cal.
93. tectus Csy. 95–519 Cal.
94. sordidus (Lec.) 52–169 So.Cal. Ariz.
95. villosus Csy. 95–520 Cal.
96. irrasus Csy. 95–521 Cal.
97. crinifer Csy. 95–521 So. Cal.
98. hirtellus (Lec.) 66–353 L. Cal.
99. mixtus Fall 07–237 N. Mex.
7400. fulvescens Csy. 95–523 So. Cal.
01. comatus (Lec.) 81–77 N. Mex.
02. incultus Fall 07–238 N. Mex.
03. bicoloripes Fall 07–239 N. Mex.
04. squalidus (Lec.) 52–169 So. Cal.
tejonicus (Lec.) 66–354
05. sexualis Csy. 95–524 Cal.
06. sonomæ Csy. 95–525 Cal.
07. texanus (Lec.) 66–355 Tex.
08. sophiæ Fall 07–236 N. Mex.
09. lucidus Csy. 95–527 L. Cal.
10. reversus Csy. 95–527 Ariz.
11. pedalis (Lec.) 66–355 So.Cal.Is.
12. nigrinus Csy. 95–529 So. Cal.
13. ænescens (Lec.) 52–170 So. Cal.
14. rusticus Csy. 95–530 Cal.
15. politus Csy. 95–531 So. Cal.
16. punctipennis (Lec.) 66–355 So. Cal. Is.
17. stricticollis Csy. 95–532 Cal.

Cradytes Csy. 95–533
7418. serricollis (Lec.) 66–356 N.Mex.Ariz.
19. longicollis Csy. 95–534 Ariz. [Colo.
20. serrulatus (Lec.) 66–356 Ariz.
21. prosternalis (Fall) 07–240 N. Mex.

Sydatopsis Csy. 95–536
7422. longicornis Csy. 95–536 L. Cal.

Listromimus Csy. 95–538
7423. sericatus Csy. 95–538 Nev.

Listrus Mots. 59–389
7424. punctatus Mots. 59–390 Cal.
25. tibialis Mots. 59–391 Cal.
26. rotundicollis (Lec.) 52–170 Cal.
27. interstitialis Csy. 95–545 Cal.
28. motschulskii (Lec.) 66–357 Cal.
canescens (Lec.) nec Mann.
29. montanus Csy. 95–546 Cal.
30. interruptus Lec. 52–357 Neb.-So.Cal.
31. amplicollis Csy. 95–547 Cal. [Ariz.
32. densicollis Csy. 95–548 Cal.
33. plenus Csy. 95–549 Vanc.
34. subæneus Csy. 95–549 Cal.
35. maculosus Csy. 95–550 Cal.
36. pardalis Csy. 95–551 Cal.
37. senilis Lec. 52–170 Ariz. Kan.
38. clavicornis Csy. 95–552 Ariz. [Colo.
39. uniformis Csy. 95–552 Ariz.
40. obscurellus (Lec.)52–170 So. Cal.
41. extricatus Csy. 95–554 So. Cal.
42. canescens (Mann.) 43–247 Cal.
43. difficilis (Lec.) 52–170 So. Cal.
44. fidelis Csy. 95–556 Cal.
45. tritus Csy. 95–557 Cal.
46. confusus Csy. 95–557 Cal.
47. variegatus Csy. 95–558 Cal.
48. incertus Csy. 95–559 Cal.
49. annulatus Csy. 95–559 Cal. Utah.
50. rubripes Csy. 95–560 Colo.

Listrus Mots.

7451. luteipes (Lec.) 52–170 So.Cal.
52. concurrens Csy. 95–561 Nev.
53. balteellus Csy. 95–562 So.Cal.
54. famelicus Csy. 95–563 So.Cal.
55. ornatulus Csy. 95–563 Nev.
56. definitus Fall 01–248 So.Cal.

Dasytellus Csy. 95–564

7457. concinnus Csy. 95–565 Utah.
58. prætenuis Csy. 95–566 Ariz.
59. exilis Csy. 95–566 Ariz.
60. inconspicuus Csy. 95–567 So.Cal.
61. nigricornis (Bland) 64–254 Kan.Neb.Tex.
62. degener Csy. 95–569 Ariz. [Ariz.
63. elegantulus Csy. 95–569 Ariz.
64. impressus (Gorh.) 86–329 Mex. Ariz.
a. subovalis Csy. 95–570 Ariz. Tex.
65. ferrugineus (Gorh.) 86–329 Mex. Ariz.

Dasytes Payk. 98–156

7466. parvicollis Mann. 43–248 Cal.
67. hudsonicus Lec. 66–360 H.B.T. Colo.
68. vicinus Blaisd. 06–74 So.Cal. [Ariz.
69. shastensis Blaisd. 06–75 No.Cal.
70. obtusus Csy. 95–573 Colo.
71. expansus Csy. 95–574 Cal.
72. nitens Csy. 95–574 Cal.
73. breviusculus Mots. 59–396 Cal.
74. dissimilis Csy. 95–576 So.Cal.
75. clementæ Fall 01–250 So.Cal. Is.
76. fastidiosus Csy. 95–577 Cal.
77. macer Csy. 95–577 So. Cal.
78. cruralis (Lec.) 66–355 Cal. Or.
79. depressulus Csy. 95–579 Nev.
80. pusillus Lec. 52–170 So.Cal. Ariz.
81. minutus Csy. 95–580 Cal.
82. lineellus Csy. 95–581 So.Cal.
83. musculus Fall 01–249 So.Cal.

(*Sydates* Csy. 95–537)

84. seminudus Lec. 66–360 Cal.

Dasytes Payk.

7485. zonatus Csy. 95–537 Tex.

(*Adasytes* Csy. 95–539)

86. laciniatus Csy. 95–540 So.Cal.

Dasytastes Csy. 95–582

7487. catalinæ (Lec.) 66–361 So.Cal. Is.
88. remissus Csy. 95–583 So.Cal.
89. otiosus Csy. 95–584 Cal.
90. dispar Csy. 95–585 Cal.
91. ruficollis (Ulke) 75–812 Nev.
92. bicolor Csy. 95–586 So.Cal.
93. insularis Fall 01–257 So.Cal. Is.

Eschatocrepis Lec. 62–193

7494. constrictus (Lec.) 52–170 Cal. So.Cal.
constricticollis (Mots.) 59–390 Ariz.

Allonyx Lec. 62–193

7495. sculptilis (Lec.) 59–75 Cal. So.Cal.
a. denudatus Csy. 95–590 Cal.
96. disjunctus Csy. 95–590 Cal.

Vectura Csy. 95–591

7497. longiceps Csy. 95–592 Ariz. So.Cal.
98. albicans Csy. 95–592 Utah.

Pseudallonyx Csy. 95–593

7499. plumbeus (Lec.) 66–359 Colo.Ariz.

Leptovectura Csy. 95–594

7500. adspersa Csy. 95–595 N. Mex.

Mecomycter Horn 82–126

7501. omalinus Horn 82–126 Kan. Ariz.
02. facetus Csy. 95–597 Ariz.?

Dolichosoma Steph. 30–318

7503. fovicollis (Kby.) 37–243 Neb. H.B.T.
04. tenuiformis Horn 80–150 Tex.

MELYRINI

Melyrodes Gorh. 82–128

(*Alymeris* Csy. 95–600)
(*Melyris*‡ auct. nec Fab.)

7505. basalis (Lec.) 52–171 Ga.La.Fla.
06. cribrata (Lec.) 52–171 M. & S. St.
07. floridana Csy. 95–601 Fla.

Eurelymis Csy. 95–602

7508. speculifer Csy. 95–603 Utah.
09. atra (Lec.) 78–461 Colo.
10. flavipes (Lec.) 78–461 Cal. So. Cal.

RHADALINÆ

Dasyrhadus Fall 10–144

7511. impressicollis Fall 10–144 Cal. Wash.
12. longior Fall 10–145 Cal.

Rhadalus Lec. 51–212

7513. testaceus Lec. 51–212 Ariz.
14. lecontei Csy. 95–606 Ariz.

CLERIDÆ[1]

Spinola 44; Schenkling 10

CLERINÆ

TILLINI

Monophylla Spin. 41–75

(*Macrotelus* Klug 42–274)
(*Elasmocerus* Lec. 52–13)

Monophylla Spin.

7515. californica Fall 01–251 Cal. Ariz. Tex.
substriata Wolc. 10–340 Utah.

[1] Prepared with the assistance of Mr. A. B. Wolcott, who has also furnished a special bibliography of the family included with general bibliography.

Monophylla Spin.
7516. terminata (Say) 35–160 Mass. Ct. Ga. Ia. Tex. Ariz. Conn. Ind.
megatoma Spin. 44–385
17. pallipes (Schffr.) 08–128 Tex.
18. ruficollis Schffr. 11–121 Ariz.

Callotillus Wolc. 11–115
7519. eburneocinctus Wolc. 11–115 So. Fla.
20. elegans Er. 47–85 S. Am. C. Am.
occidentalis Gorh. 82–129 Tex. N. Mex. Ariz. L. Cal.

Tillus Oliv. 90–22
7521. collaris Spin. 44–98 C. Am. Tex. Ala. Ga. Ohio.

Perilypus Spin. 41–72
7522. carbonarius Spin. 44–105 Cal. N. Mex.

Cymatodera Gray 32–375
7523. punctipennis Bland 63–356 Tex. N. Mex. Ariz. L. Cal.
24. delicatula Fall 06–113 L. Cal. Mex.
25. turbata Horn 85–151 Tex. Mex.
26. pallida Schffr. 08–128 Ariz.
27. subsimilis Wolc. 10–343 Ariz.
28. decipiens Fall 06–114 Cal.
29. uniformis Schffr. 05–151 Ariz.
30. pubescens Wolc. 09–94 Tex.
31. longicornis Lec. 52–16 N. Mex. Utah.
32. torosa Wolc. 10–347 N. Mex.
33. antennata Schffr. 08–128 Ariz.
soror Wolc. 10–342 Ariz.
34. latefascia Schffr. 04–216 Ariz.
35. usta Lec. 58–71 Tex. N. Mex.
36. isabellæ Wolc. 10–345 Ut. [Ariz.
37. xanti Horn 76–222 Cal.
38. obliquefasciata Schffr. 04–215 Tex.
39. sirpata Horn 85–152 Tex.
40. tuta Wolc. 10–344 N. Mex. Nev.
41. laevicollis Schffr. 08–130 Ariz.
42. peninsularis Schffr. 04–214 Cal. Ariz.
43. cylindricollis Chev. 33–11 Am. Bor.? Ariz.
44. bicolor Say 25–174 Me. Ont. Ga. Wis. Tex. Ind. Conn.

Cymatodera Gray
7545. inornata Say 35–161 Me. Can. Ga. Wis. Okla. Ind. Conn.
tenera Lec. 52–14
46. æmula Wolc. 10–348 Ariz.
47. fascifera Lec. 65–95 Cal.
48. snowi Wolc. 10–349 Ariz.
arizonæ Wolc. mss.
49. hopei Gray 32–375 Mex. Tex.
gigantea Horn 80–148
50. californica Horn 68–134 Cal.
51. horni Wolc. 10–349 Cal. Ariz.
californica Horn 76–225
52. tricolor Skin. 05–292 Ariz.
53. brevicollis Schffr. 17–130 Ariz.
54. morosa Lec. 58–71 Ariz. Colo. Cal. N. Mex.
55. cognata Wolc. 10–320 Nev. Ut.
56. umbrina Fall 06–114 Cal. Ariz. Colo.
57. æthiops Wolc. 10–350 Tex. Ariz.
58. santarosæ Schffr. 05–152 L. Cal.
59. flavosignata Schffr. 08–129 Ariz.
60. belfragei Horn 76–226 Tex.
61. punctata Lec. 52–212 Cal.
62. fuchsi Schffr. 04–216 Tex.
63. comans Wolc. 10–351 Ut. Tex. Ariz.
64. oblita Horn 76–227 Ariz.
65. fuscula Lec. 52–212 Ariz.
a. texana Gorh. 82–134 Tex.
66. undulata (Say) 25–174 N.S. N.C. Fla. Ind.
bosci Chev. 43–31 Wis. Ariz.
longicollis Spin. 44–147
a. arizonica Schffr. 08–130 Ariz.
b. brunnea Spin. 44–148 Ariz.
67. balteata Lec. 54–81 Ala. Tex. Cal.
fallax Horn 85–153
68. ovipennis Lec. 59–76 Cal. Ariz. N.
a. pilosella Lec. 65–95 Cal. [Mex.
69. vandykei Schffr. 04–127 Cal.
70. angustata Spin. 44–149 Mex. So. Cal.
71. cephalica Schffr. 08–130 L. Cal.
72. purpuricollis Horn 94–38 Cal.

Lecontella Wolc. & Chap. 18–107
7573. cancellata (Lec.) 54–81 N.H. N.C. Ia.
brunnea || (Melsh.) 46–306 [Tex.

CLERINI

Opilo Latr. 02–111
(*Opilus*‡ auct.)
7574. mollis (L.) 58–388 Cosmop. Eur.
75. domesticus Sturm 37–16 Cosmop. Can.

Priocera Kby. 18–389
7576. pusilla Kby. 26–518 No. Am.?
77. castanea Newm. 38–380 Can. Fla. Kan.
maculata Ziegl. 44–268 [Mich. Ind.
rufescens Spin. 44–119
78. lecontei Wolc. 10–356 Cal.

Derestenus Chev. 43–13
(*Colyphus* Spin. 44–133)
7579. furcatus (Schffr.) 04–218 Tex.
80. melanopterus (Dury) 06–25 Ohio.
81. criocerides Gorh. 82–144 Mex. Cal.?

Thanasimus Latr. 06–270
(*Pseudoclerus* Duv.)
7582. repandus Horn 70–342 No. Cal.

Thanasimus Latr.
7583. monticola Wolc. 10–357 Cal.
84. trifasciatus Say 25–175 Can. Vt. Pa.
nigripes var. White 49–23 [Wis.
85. dubius (Fab.) 77–229 Ct. Can. Pa. La.
ruficeps Spin. 44–189 [Mex. Ind.
86. rubriventris Lec. 61–351 Cal.
87. undulatus Say 35–163 Ont. N. H.
abdominalis Kby. 37–244 [Mont. N. Mex.
a. nubilus Klug 42–386 H.B.T. Tenn. Alas. N. Mex.
b. melanocephalus Chev. 74–290 N.S. N.H.
88. nigriventris Lec. 61–351 Ont. Vanc.
lecontei Wolc. 10–359 [Mex.

Plœopterus Wolc. 10–363
(*Cleronomus* ‡auct. nec Klug)
7589. thoracicus (Oliv.) 95–18 Ont. Fla. Ill.
monilis (Melsh.) 46–307 [Mex. Ind.

Plœopterus Wolc.
haagi (Chev.) 76–12
ornaticollis (Lec.) 80–194
a. pallipes (Wolc.) 12–55 Ia. Neb. Kan.
7590. cyanipennis (Klug) 42–307 Mex. Tex.
a. dasytoides (Westw.) 49–50 Mex. Tex.
b. subcostatus (Schffr.) 17–131 Fla.

Enoclerus Gahan 10–62
(*Clerus* Schklg. nec Fab.)
7591. pinus Schffr. 05–155 Ariz.
92. ocreatus Horn 85–154 Kan. Colo. Ariz.
93. humeralis Schffr. 05–155 Cal. B.C. Ariz.
94. nigrifrons Say 23–190 Ct. Ont. Ala. L. Sup. Neb. Ind.
95. quadriguttatus Oliv. 95–18 Ct.N.Am.Ind. Ct. Ind. Ariz.
96. nigripes Say 23–191 Ont. Ga. Wis.
incertus Lec. 65–55 [Mex. Mich.
a. dubius Spin. 44–264
b. rufiventris Spin. 44–264 Ont. N.Y. Vt. Mich.
97. rosmarus Say 23–190 Ct. Mass. Fla.
oculatus Spin. 44–267 [Ind. Okla.
angustus Lec. 52–21
a. virginiensis Schffr. 17–131 Va.
rufulus Schffr. 17–131
98. eximius Mann. 43–248 Cal. Or. Vanc.
holosericeus White 49–58
99. cupressi Van Dyke 15–29 Cal.
7600. muttkowskii Wolc. 09–98 Wis. Mich.
01. spinolæ Lec. 53–230 Mex. Ariz. Kan.
02. moestus Klug 42–298 Mex. N. Mex.
truncatus Lec. 52–23 Neb. Or. Cal.
03. sphegeus Fab. 87–125 B.C.Neb.Mex.
sobrinus Walk. 66–326
a. arachnoides Klug 42–299 Mex. Ariz.
04. viduus Klug 42–297 Mex. Tex.
rufiventris Chev. 43–11
erythrogaster Spin. 44–272
cuprescens Gorh. 76–81
a. jouteli Leng 09–103 Ga. Va. N.C.
05. ichneumoneus Fab. 77–230 Ont. Fla. Wis.
rufus Oliv. 91–13 [Kan. Ind.
a. knabi Wolc. 10–321 Fla.
06. acerbus Wolc. 11–119 Nev. Ut.
07. quercus Schffr. 05–154 Ariz.
08. bimaculatus Skin. 05–291 Ariz.
bioculatus Schffr. 05–154
09. opifex Gorh. 82–156 C. Am. Tex.
10. quadrisignatus Say 35–162 N. J. Ga. Ind.
rufescens Lec. 52–212 [Mex. Ariz.
a. affiliatus Lec. 58–72 Tex.
b. latecinctus Lec. 58–72 L. Cal. Tex. Ariz.
11. badeni Gorh. 76–80 Mex.Cal. Tex.

Enoclerus Gahan
7612. lunatus Klug 42–294 N. Y. Fla. Mo.
bicolor Melsh. 46–307 [Tex.
13. decussatus Klug 42–296 Mex. only.
hopfneri Spin. 44–256
a. ornatus Spin. 44–257 Ariz.
hopfneri‡ Horn
14. analis Lec. 52–20 Tex. Ark. O. Ill. Ariz.
15. cordifer Lec. 52–21 Mont. Tex.
16. laetus Klug 42–301 Tex. Ariz. Ut.
a. abruptus Lec. 58–72 Ariz. Cal. Tex. Kan.
b. coccineus Schklg. 06–272 N.Mex.-Minn.
corallinus Fall 07–240 N. Mex.
17. palmi Schffr. 04–218 Ariz. N. Mex.
18. crabronarius Spin. 44–247 Tex. So. Am.?
19. mexicanus Cast. 36–44 C.Am.N.Mex.
a. silbermanni Chev. 43–21 Tex.
— sexguttatus Fab. 75–823 So. Am.

Trichodes Hbst. 92–154
7620. oresterus Wolc. 10–367 Tex.
21. peninsularis Horn 94–382 Cal.
22. horni Wolc.& Chap. 18–107 Ariz. Mex.
illustris || Horn 76–231
23. simulator Horn 80–149 Ariz. Wy.
flavescens Ckll. 98–155
24. bicinctus Green 17–367 Tex.
25. bibalteatus Lec. 58–18 Tex. Ariz.
26. nexus Wolc. 10–367 L. Cal.
27. ornatus Say 23–189 Atl.-Dak.
douglasianus White 49–60 Ariz.
hartwegianus White 49–60
a. tenellus Lec. 58–72 So.Cal. Neb. Vanc.
28. bimaculatus Lec. 74–63 Cal. Or.
bisignatus Horn 76–231
29. nutalli Khy. 18–394 Ont. Fla. Dak.
nuthalli Spin. 44–317 [Ind.
nuttalli auct.
30. apivorus Germ. 24–81 Can. Fla. Neb.
nutalli Say 35–164
a. borealis Wolc. & Chap. 18–108
interruptus || Lec. 52–88 Mass. Ala.

Aulicus Spin. 41–74
7631. nero Spin. 44–330 Mex.Tex. Cal.
32. femoralis Schffr. 17–132 Ariz.
33. monticola Gorh. 82–146 Mex. Tex.

Sallea Chev. 74–286
7634. coffini (White) 49–53 Mex. Tex.

Xenoclerus Schklg. 02–327
(*Trogodendron* Horn nec Guér.)
7635. edwardsi (Horn) 80–149 L. Cal. Ariz.

Serriger Spin. 41–73
7636. reichei Spin. 44–171 Mex. So.Cal.

HYDNOCERINI

Hydnocera Newn. 38–379
7637. unifasciata Say 25–176 Mass.Ala.Ind. Ariz. Ont.
punctata Spin. 44–54
38. cyanitincta Fall 06–116 N. Mex.
39. rufipes Newn. 40–363 Fla. Ala. Ark.
40. simulans Schffr. 08–333 Ariz.
41. dubia Wolc. 12–60 N. Dak.

Hydnocera Newn.
7642. subfasciata Lec. 65–97 Neb. Mont.
a. fraterna Wolc. 12–61 Mass. [Ariz.
43. pubescens Lec. 52–28 Tex. Mo. Ill. Mont.
44. fuchsi Schffr. 08–132 Ariz. N. Mex.
nunenmacheri Schffr. 08–133 Ariz.
45. tibialis Wolc. 10–322 Neb.

Hydnocera Newn.

7646. tristis Schffr. 09–381 Ariz.
47. humeralis Say 23–192 Mass. Fla. Man. Cal. Ind.
a. difficilis Lec. 52–27 Can. Md. Man.
cyanescens Lec. 52–28 [N. Mex.
48. lecontei Wolc. 12–62 Me. N. J. Man.
subænea‡ Lec. nec Spin. [N. Mex.
49. maritima Wolc. 10–321 Mass.
50. tricolor Schffr. 04–219 Tex.
51. plagifera Fall 06–115 Cal.
52. wickhami Wolc. 08–231 Ariz.
53. bimaculata Wolc. 08–232 Cal.
54. quadrimaculata Van D. 15–31 So. Cal.
55. singularis Wolc. 12–62 N. C.
56. knausi Wickh. 05–168 Kan. Tex.
57. omogera Horn 94–383 L. Cal. Ariz.
58. cribripennis Fall 06–116 Tex. [Tex.
59. binotata Chap. 18–108 Cal.
60. discoidea Lec. 52–213 So. Cal. Mex.
furcata Gorh. 86–342 [Ariz. Ut.
61. scabra Lec. 52–213 Cal. Wash.
funebris Chev. 74–321 [Kan.
62. pygmæa Wolc. 12–63 So. Cal.
63. nigrescens Schffr. 09–381 N. C.
64. arizonica Schffr. 08–132 Ariz.
65. cincta Spin. 44–48 C. Am. Ariz.
66. niveifascia Schffr. 05–156 Ariz. Mex.
67. longa Lec. 84–22 Ariz. Tex.
68. robusta Horn 67–135 Cal.
69. fallax Wolc. 08–230 Colo.
70. subænea Spin. 44–51 Mass.
steniformis Spin. 44–144
71. cœruleipennis Wolc. 08–229 Ariz.
72. affiliata Fall 06–117 So. Cal.
73. lateralis Gorh. 83–169 Panama, Tex.
74. suturalis Klug 42–313 So. Fla.

Hydnocera Newn.

7675. verticalis Say 35–164 Ont. Fla. Tex. Wis. Ct. Ind.
76. hamata Lec. 76–297 N. Mex.
77. pallipennis Say 25–176 Ont. Ala. Wis.
serrata Newn. 38–379 [Mo. Ct. Ind.
78. gahani Wolc. 10–379 Tex.
79. tricondylæ Lec. 52–26 Miss. Kan. Ill.
80. nigrina Schffr. 08–134 Ariz. [Colo.
81. bicolor Lec. 52–213 Cal.

Isohydnocera Chapin 17–83

7682. brunnea Chap. 17–84 Kan.
83. pusilla (Schffr.) 09–381 Ariz.
84. albocincta (Horn) 71–342 Tex.
85. ornata (Wolc.) 08–233 Ariz.
86. gerhardi (Wolc.) 10–323 Ariz.
87. schusteri (Lec.) 65–97 Ill.
88. curtipennis (Newn.) 40–364
brachyptera (Klug) 42–313
lineatocollis (Spin.) 44–51
longicollis (Ziegl.) 44–44 Ont. D.C. Wis. Kan. Ind.
89. tabida (Lec.) 52–29 Ont. Ala. Wis. Kan. Ind.
90. ægra (Newn.) 40–36 Fla. Ga.

Wolcottia Chapin 17–84

7691. pedalis (Lec.) 65–97 Ill. O. N. J. Ariz.
92. sobrina (Fall) 06–117 Ariz.
93. parviceps (Schffr.) 08–134 Ariz.

Zenodosus Wolc. 10–321
(*Thaneroclerus*‡ auct. nec Spin.)

7694. sanguineus (Say) 35–162 Ont. Ga. Wis. Kan. Ct. Ind.

Thaneroclerus Spin. 41–73

7695. girodi Chev. 80–31 Cuba, Fla.

CORYNETIDÆ

ENOPLIINI

Phyllobæni

Phyllobænus Spin. 44–1

7696. dislocatus Say 25–176 Ont. Ga. Wis.
distrophus Klug 42–374 [Tex. Ct. Ind.
transversalis Spin. 44–4
97. merkeli Horn 96–374 So. Ariz.

Neichnea Wolc. & Chap. 18–108
(*Ichnea* Cast. 36–55 pars)
(*Ellipotoma*‡ Wolc. 10- nec Spin.)

7698. laticornis (Say) 35–164 Can. N. J. Ill. N. C.

Enoplii

Pelonides Kuwert 94–8
(*Pyticera*‡ auct. nec Spin. 44–69)
(*Enoplium*‡ auct.)

7699. humeralis Horn 67–135 N. Mex. Ariz.
militaris Chev. 74–324 Mex.
7700. granulatipennis Schffr. 04–220 Tex.
01. scabripennis Lec. 65–98 L. Cal.
02. quadripunctata Say 23–188 Tex. Ark. O.
a. quadrinotata Hald. 53–362 Tex. [Ind.
03. nigrescens Schffr. 04–221 Tex.
04. janthina (Lec.) 65–99 L. Cal.

Chariessa Perty 30–109

7705. vestita Chev. 35–150 C. Am. Tex.
spectabilis Cast. 36–50
06. elegans Horn 70–87 Or. Cal. Tex.
lemberti Riv. 94–396
07. dichroa Lec. 57–48 Cal.
08. pilosa Forst. 81–49 Can. Fla. Wis. Tex.
a. marginata Say 23–187 Can. B. C. Ill. Tex. Conn. Ind.
onusta Say 28–41
cincta Spin. 44–358
09. floridana Schffr. 17–133 Fla.
10. texana Wolc. 08–70 Tex.

Corinthiscus Fairm. & Germ. 61–4
(*Pelonium* ‡ auct. nec Spin. 44–347)

7711. leucophæum Klug 42–366 N. J. Fla.
vetustum Spin. 44–360 [L. Cal. Ct.
albomaculatum Ziegl. 44–268
venustum Hald. 45–126
12. peninsularis Schffr. 17–132 L. Cal.
13. granulosum Wolc. 09–100 Tex.
14. fasciatum Lec. 52–214 Cal. Tex.

Corinthiscus Fairm.
a. trilobatus Van D. 15–32 Cal.
7715. maculicolle Schffr. 04–219 Tex.

Cregya Lec. 62–197
(*Galeruclerus* Gahan 10–75)
7716. oculatus Say 35–163 Mass. Fla. Tex. Ind.
17. mixtus Lec. 65–98 Md. Tex. Colo.
18. quadrisignatus Spin. 44–365 C. Am. Tex.
uncinatus Chev. 74–278
bilineicollis Chev. 74–327
quadrinotatus Chev. 74–328

Orthopleura Spin. 44–80
7719. damicornis Fab. 98–117 N. Y. Fla. Ill. [L. Cal. Ind.
thoracica Say 23–188
nigripennis Spin. 44–82
a. pennsylvanica Chev. 74–325 Pa. Mo.
20. punctatissima Chev. 43–34 Tex.
bimaculata Melsh. 46–307 Pa.
texana Bland 63–356 Tex.
21. quadraticollis Spin. 44–167 N. Am.? Pa.

CORYNETINI

Lebasiella Spin. 44–77
7722. pallipes (Klug) 42–353 Pa. Tex.
nigripennis Lec. 65–99
23. discolor Klug 42–353 Mex. Cal.
a. tibialis Schklg. 98–368 Mex. Cal.

Corynetes Herbst 91–148
7724. marginella Chev. 43–42 Cal.
25. maculicollis Lec. 74–63 So. Cal.
filiola Chev. 74–326
lineatocollis Chev. 74–326
26. discoidea Lec. 83–77 N. Mex.

Necrobia Oliv. 95–76
7727. rufipes (DeG.) 75–165 †Cosmop. Ind.
28. ruficollis (Fab.) 75–57 †Cosmop. Ind.
29. violacea (L.) 58–356 †Cosmop. Ind.

Necrobia Oliv.
7730. mesosternalis Schffr. 08–135 Ariz.

Tarsostenus Spin. 44–287
7731. univittatus (Rossi) 92–44 †Cosmop. Pa. [Tex.
albofasciatus Melsh. 46–306

Ababa Csy. 97–653
(*Prionostichœus* Wolc. 11–125)
(*Prionodera* || Wolc. 10–396)
7732. tantillus (Lec.) 65–96 D.C. Mass. [Ala.
crinita Csy. 97–654 Tex.

Opetiopalpus Spin. 44–110
(*Opetiopselaphus* G. & H. 69–1759)
7733. luridus Spin. 44–113 N. Am.

OTHNIIDÆ[1]

Horn 71; Champion 88; Borchmann 10

Othnius Lec. 61–102
(?*Elacatis* Pasc. 60–52)
7734. umbrosus Lec. 61–103 Neb.
35. lugubris Horn 68–132 Or.
36. longicornis (Horn) 71–334 So. Cal.
guttulatus Lec. 61–103 (indesc.) Cal.

Othnius Lec.
7737. fasciatus Bland 64–253 Va.
38. californicus Mann. 43–228
— mexicanus Horn 68–133 C. Am. (U.S.?)

LYMEXYLOIDEA

LYMEXYLIDÆ (*Lymexylonidæ*)

Leach 17; Schenkling 15

Hylecœtus Latr. 06–266
(*Elateroides* Schf. 66–139)
7739. lugubris Say 35–166 E. U. S. Ind.
americanus Harris 38–51

Melittomma Murr. 67–314
(*Lymexylon* ‡ auct. nec Fab. 75–204)
(*Calolymus* Thunb. 91–261)
(*Pterophorus* Hbst. 84–47)
7740. sericeum Harris 38–52 E. U. S. Ind. [Conn.

TELEGEUSIDÆ[1]

Telegeusis Horn 95–242
7741. debilis Horn 95–243 L. Cal. (Ariz.?)

† Introduced.
[1] Regarding position of these families, see Introduction.

MICROMALTHIDÆ[1]

Barber, 13

Micromalthus Lec. 78–613
7742. debilis Lec. 78–613 — Mich. O. Ky. Fla. La.[2] D.C. Va. N. C. N. Mex.

CUPESOIDEA

CUPESIDÆ (*Cupedidæ*)

Lacordaire 57; Allnand 00; Leconte 74; Casey 97

Cupes Fab. 01–66
7743. capitatus Fab. 01–66 — S.C. Va. Mass. Tenn.
44. concolor Westw. 30–440 — Ga. Fla.
cinereus Say 35–167 — Ind. Md. Mich.
trilineatus Melsh. 46–310 — Pa. N.Y.
a. oculatus Csy. 97–638 — Ind. Md. Kan. Fla. Tex. Mich. N.Y.

Cupes Fab.
7745. lobiceps Lec. 74–88 — So. Cal. Ariz.

Priacma Lec. 74–87
7746. serrata (Lec.) 61–351 — Cal. B.C.

MORDELLOIDEA

CEPHALOIDÆ

Leconte 74; Horn 96; Casey 97, 98

Cephaloon Newn. 38–377
7747. lepturides Newn. 38–377 — L. Sup. Conn.
lepturoides Hald. 46–95
varians Hald. 46–95

Typitium Csy. 98–193
7748. ungulare (Lec.) 74–275 — N. H.-L. Sup.

Sponidium Csy. 98–193
7749. tenuicorne (Lec.) 74–275 — Vanc. Wash.

Sponidium Csy.
7750. piceum Horn 96–380 — B. C.
51. ornatum Csy. 97–652 — Idaho.
52. bicolor Horn 96–381 — Cal.
53. versicolor Csy. 97–651 — ?Colo.-B. C.

Drachylis Csy. 98–193
7754. simulans Csy. 98–195 — Cal.

OEDEMERIDÆ

Horn 96; Schenckling 15.

CALOPODINÆ

Calopus Fab. 75–182
7755. angustus Lec. 51–158 — Nfld. N. Mex. Can.-Wash. Tex.-Nev.

Sparedrus Latr. 29–48
7756. aspersus (Lec.) 66–163 — Tex.-L. Cal.

OEDEMERINÆ

NACERDINI

Xanthochroa W. Schm. 46–17
7757. trinotata Lec. 66–164 — La.
58. lateralis (Melsh.) 46–54 — So. St.

Xanthochroa W. Schm.
a. signaticollis Hald. 48–96 — Fla.
7759. testacea Horn 96–392 — Wash. Vanc.

[1] Regarding position of this family, see Introduction.
[2] Unpublished distribution supplied by H. S. Barber.

Xanthochroa W. Schm.
7760. californica Horn 74–39 Cal.
61. marina Horn 96–392 Cal.
62. centralis Horn 96–392 Cal.

Nacerda Steph. 39–337
(*Nacerdes* ‡ auct.)
7763. melanura (L.) 58–403 Eur. Sib. Japan, Cosmop. Ind.

Nacerda Steph.
apicalis (Say) 35–188 Conn. N. Y. Fla. O. Pa. Kan. Cal.

ASCLERINI

Ditylus Fisch. 17–469
(*Mimetes* Esch. 18–467)
7764. gracilis Lec. 54–18 Or. Wash.
65. cœrulens (Rand.) 38–20 Me. L. Sup.
66. quadricollis Lec. 51–157 Vanc.-Nev.
consors Lec. 66–70 [Alas.
vestitus Lec. 57–52

Copidita Lec. 66–164
7767. quadrimaculata (Mots.) 52–78 Alas. So. Cal.
68. notoxoides (Fab.) 01–369 S. C. Ga. Fla.
69. thoracica (Fab.) 01–370 M.St.-Fla.
fraxini (Say) 23–272 [Tex.
70. suturalis Horn 96–401 N. J.-Fla.
71. mimetica Horn 96–402 Kan. Tex.
72. obscura (Lec.) 54–21 Ariz. Colo. N. Mex.
73. bicolor (Horn) 70–88 Or. No. Cal.
74. cyanipennis (Horn) 70–89 Cal.
75. fuliginosa (Lec.) 66–166 L. Cal.

Alloxacis Horn 96–395
7776. dorsalis (Melsh.) 46–55 Atl. St. Fla.
vittata (Hald.) 48–95
77. pleuralis (Lec.) 66–166 Fla. Tex.
78. floridana Horn 96–397 Fla.
79. nitidula Horn 96–397 L. Cal.

Oxacis Lec. 66–165
(*Hypasclera* Kirsch 66–210)
(*Probosca* ‡ W. Schm. 46–17 pars.)
7780. lævicollis Horn 96–412 Ariz.
81. fragilis Horn 96–413 Ut. Ariz. So. Cal.
82. granulata Lec. 66–166 L. Cal. (Fla.?)
83. pallida (Lec.) 54–224 Tex.

Oxacis Lec.
7784. sororia Horn 96–414 Ut. Tex. Ariz.
85. floridana Horn 96–415 Fla.
86. grisea Horn 96–415 Tex.
87. cana (Lec.) 54–225 Tex. Ariz. Mex.
88. tæniata (Lec.) 54–21 Ga. Fla. Tex. Ind.
89. bicolor (Lec.) 51–158 B. C.-Ariz. So. Cal.
90. dubiosa Horn 96–418 L. Cal.
91. sericea Horn 70–89 Nev. So. Cal.
92. subfusca Horn 96–419 So. Ariz.
93. lucana (Lec.) 66–167 L. Cal. So. Cal.
94. debilis Horn 96–420 So. Cal. [Ariz.

Rhinoplatia Horn 68–137
7795. ruficollis Horn 68–138 So. Cal.

Asclera Steph. 39–336
7796. discolor Lec. 74–70 Wash. Cal. Nev.
97. nigra Lec. 52–379 Vanc.-So. Cal.
98. erythrocephala (Germ.) 24–167 Ky. Ga. Fla.
99. punctieollis (Say) 23–273 L. Sup.-N. Mex. Ind.
7800. ruficollis (Say) 23–271 Pa.-Tex. Ind.
carinata (Newn.) 38–378 [Conn.
01. excavata Lec. 52–158 Cal. Nev. So. Cal.
— rufifrons (Fab.) 87–93 N. Am.
— vestita (Say) 23–273 Mo.

Chrysanthia W. Schm. 46–17
7802. repanda Horn 96–408 D. C. Fla. Tex. So. Cal.

OEDEMERINI

Sisenes Champ. 89–111
7803. championi Horn 94–435 So. Ariz.

MORDELLIDÆ

Leconte 62; Smith 82, 83; Csiki 15

MORDELLINI

Tomoxia Costa 54–8
7804. bidentata (Say) 24–277 M. & W. St. O. Conn. Ind.
05. lineella Lec. 62–45 M. & W. St. O. Fla.

Tomoxia Costa
7806. inclusa Lec. 62–45 W. St. Fla.?

Glipa Lec. 57–17
7807. hilaris (Say) 35–190 M. & W. St. O.
hieroglyphica Sz. 78–372 Fla. [Ind.

Mordella L. 58–420
(*Sphalera* Lec. 59–17)

I.

7808. quadripunctata (Say) 24–276 Mo. Kan.
09. borealis Lec. 62–46 No. St. Lab. Nfld.

II.

10. melæna Germ. 24–169 M. S. & W. St. O. Fla. Conn. Ind.
11. scutellaris Fab. 01–123 So. Cal. U.S. & Can. O. Fla.
atrata Melsh. 46–313 Tex. La. [Ariz.
stimulea Mäkl. 75–569
a. lecontei Csiki 15–23 No. N.Y.
irrorata || Lec. 62–46 Fla.
12. fuscocinerea Fall 07–254 N.Mex.
13. inflammata Lec. 62–46 Fla.
14. octopunctata Fab. 75–263 M.S.W.St. O. Fla. Ind.
15. carinata Smith 83–3 Fla. Tex.
16. perlineata Fall 07–254 N.Mex.
17. marginata Melsh. 46–312 U.S. N.J.N.Y. O. Fla. Conn.
lineata Melsh. 46–313 [Ind.
18. lunulata Hellmuth 65–96 Va.-Mich. O.
obliqua Lec. 78–428 [Ind.
a. deserta Csy. 84–186 Ariz.
19. serval Say 35–191 N. Y.-Mich.
20. angulata Lec. 78–427 Fla. [O. Ind.
21. oculata Say 35–190 M. S. W. St. O.
jovialis Lec. 78–428 [Fla. Ind.
22. insulata Lec. 59–16 Kan. Tex.
23. immaculata Smith 83–5 D.C.
24. triloba (Say) 24–276 Fla. M. S. W. St. O. Ind. Conn.
25. undulata Melsh. 46–316 Fla. M. & S. St. O.
26. fascifera Lec. 78–427 Fla. Tex.
27. discoidea Melsh. 46–315 M. & S. St. O.
28. flaviventris Smith 83–3 Tex. Fla. [Ind.

Glipodes Lec. 62–47

7829. sericans (Melsh.) 46–312 M. & S. St. O.
30. helva Lec. 62–48 Ga. Fla. [Ind.

Mordellistena Costa 54–16

7831. erratica Smith 83–80 Tex. Fla.
32. tarsalis Smith 83–80 Tex.

I.

33. bicinctella Lec. 62–48 Fla. So. St.
34. confusa Blatch. 10–1316 Ind. [Ind. O.
35. frosti Lilj. 18–156 Maine.

IIA.

36. arida Lec. 62–48 Pa. N. Y. Ind. O.
37. lutea (Melsh.) 46–315 Fla. Pa. Ga. Ind. O.

IIB.

38. trifasciata (Say) 26–243 Fla. U. S. Ind.
nigricollis Hellm. 64–105 [O.
39. lepidula Lec. 62–48 U. S. Ind. O.
40. falli Csiki 15–34 N. Mex.
festiva || Fall 07–255
41. limbalis (Melsh.) 46–315 M. St. Ind. O.
42. elegantula Smith 82–90 L. I.
43. pratensis Smith 83–80 Fla.
44. dimidiata Hellm. 64–105 Ill.

Mordellistena Costa
7845. biplagiata Hellm. 64–105 N. Y. Ind. O.
46. intermixta Hellm. 65–96 Ill. N. Y.
47. vilis (Lec.) 58–76 Cal. So. Cal.
48. vapida Lec. 62–49 Fla. N. Y. Pa.
49. decorella Lec. 62–49 W. St. O. [Ind.
50. bipustulata Hellm. 64–105 Ill. N. Y. O.
51. atriceps Smith 82–86 N. Y.
52. rutila Lilj. 17–10 Ill.
53. picipennis Smith 82–91 N. Y. Ga. O.
54. pallipes Smith 82–92 N. Y.
55. fulvicollis (Melsh.) 46–315 Ill. N. J. O.
56. ornata (Melsh.) 46–315 M. & S. St. Ind.
57. militaris Lec. 62–49 M. & N. St. O.
58. scapularis (Say) 24–277 M. & W. St.
59. comata (Lec.) 58–75 U. S. Ind. O. Ariz. So. Cal.
picicornis Lec. 62–49 [Fla.
a. cervicalis Lec. 62–49
auricoma Hellm. 65–96
60. aspersa (Melsh.) 46–314 U. S. Ind. O. So. Cal. Conn.
rubrilabris Hellm. 64–105 [Fla.
61. indistincta Smith 82–93 N. Y.
62. tosta Lec. 62–49 Ariz. So. Cal. N. Y. Ga. O.
63. exilis Lilj. 17–10 Ill. [Fla.
64. errans Fall 07–257 N. Mex.
65. pallens Fall 07–255 N. Mex.
66. inornata Smith 82–93 Tex.

IIC.

67. amica Lec. 62–49 Fla. Ga. Ind. O.
68. minuta Smith 82–93 Ga. Fla.
69. picilabris Hellm. 64–105 Ill.
70. infima Lec. 62–49 So. Cal. O.
71. andreæ Lec. 62–50 M. St.
72. grammica Lec. 62–50 Fla. Ga. N. Y. Ind. O.
a. varians Lec. 62–50 Fla. M. St. Ind. O.
b. ustulata Lec. 62–50 Fla. M. & S. St. Ind. [O.
73. testacea Blatch. 10–1321
74. ancilla Lec. 62–50 Ga. N. Y.
75. semiusta Lec. 62–50 M. & S. St. O.
76. delicatula Dury 06–251 Ohio.
77. impatiens Lec. 62–50 S. C. N. Y.
78. ferruginoides Smith 82–94 Ga.
79. nigricans (Melsh.) 46–313 Fla. M. & S. St.
nigerrima Hellm. 65–96 [Ind. O. Ariz.
80. guttulata Hellm. 64–105 Ill.
81. ruficeps Lec. 62–50 M. & S. St.
82. nubila (Lec.) 58–76 Cal. So. Cal.
83. splendens Smith 82–95 Fla. Ill.
84. rufa Lilj. 17–11 Ill.
85. floridensis Smith 82–95 Fla.

III.

7886. sexnotata Dury 02–176 Ohio.
87. hirticula Smith 83–4 Tex.
88. pustulata (Melsh.) 46–314 Fla. U.S. Ind.
89. convicta Lec. 62–50 Ky. Ind. O. [O.
90. suspecta Fall 07–256 N. Mex.
91. fuscipennis (Melsh.) 46–314 M. St.
92. pectoralis (Lec.) 50–231 L. Sup.
93. morula Lec. 62–50 Minn. N. Y. Ind. O.
94. ambusta Lec. 62–50 Ariz. Fla. M. & S. St. Ind. O.
95. nunenmacheri Lilj. 18–157 Or. No. Cal.
96. smithi Dury 02–177 Ohio, Ind.
97. singularis Smith 82–96 Ga.

Mordellistena Costa.

7898. insolita Lilj. 17–11 Tex.
99. unicolor Lec. 62–50 So. Cal. Fla. U.S. Ariz. Ind.
7900. sericans Fall 07–256 N. Mex. [O.
01. marginalis (Say) 24–278 Fla. M. & W. St. Ind. O.
02. divisa Lec. 59–17 Kan. Ind.
03. schauppi Smith 82–96 N.Y. [N.Mex.
04. vera Lilj. 17–11 Mo.
05. æqualis Smith 82–96 No. Ill.
06. conformis Smith 83–4 Tex.
07. pulchra Lilj. 17–12 Ill.
08. wolcotti Lilj. 17–12 Ia.

IV.

09. scalaris Hellm. 64–105 Ill.
10. pubescens Fab. 98–127 U. S. Ind. O.
hebraica Lec. 62–51 [Conn.
leporina Lec. 62–51
modesta (Melsh.) 46–314
7911. bihamata (Melsh.) 46–313 Pa. Ind.
12. liturata (Melsh.) 46–314 M. & S. St. Ind. O.

Mordellistena Costa.

V.

7913. fuscata (Melsh.) 46—313 Fla. Pa. N. Y.
14. hoosieri Blatch. 10–1325 Ind. [Ind. O.
15. pityptera Lec. 62–51 Pa. Tex.
16. rufescens Smith 82–97 Nev.
17. cinereo-fasciata Sm. 82–98 N. Y.
18. masoni Lilj. 18–157 N. J.
19. æthiops Smith 82–98 Colo.
20. texana Smith 82–98 Tex.
21. fusco-atra Hellm. 64–105 Ill.
22. gigas Lilj. 17–13 Ill.
23. suturella Hellm. 64–105 Ill. Ind. O.
a. rufiventris Hellm. 64–105 Ill.
24. angusta Lec. 62–51 Ga. (Ariz.?)

VI.

25. attenuata (Say) 26–243 Pa. N. Y. O.
vittigera Lec. 62–51
26. discolor (Melsh.) 46–313 M. & S. St. O.
27. æmula Lec. 59–16 Kan. O.
— ferruginea (Fab.) 01–124 N. Am.
— nigripennis (Fab.) 98–127 N. Am.
— rufula Hellm. i litt. N. Am.

ANASPIDINI

Diclidia Lec. 62–43

7928. lætula (Lec.) 58–76 Tex. Colo. O.
29. propinqua Lilj. 18–153 N. Mex.
30. greeni Lilj. 18–153 Tex.

Anthobates Lec. 50–231
(*Pentaria* Muls. 56–391)

7931. trifasciatus (Melsh.)46–312 D. C.-Dak. Ind. Ariz.
32. fusculus Lec. 62–44 Tex. N. Mex.
33. nubilus Lec. 59–78 Cal. So. Cal.
34. hirsutus Smith 82–76 Cal. So. Cal.
35. dispar Lilj. 18–154 N. Mex.
36. bicolor Lilj. 18–155 Tex.
37. pallidus Lilj. 18–156 N. Mex.

Anaspis Geoffr. 62–315
(*Anaspis* s.str. Emery 76–13)

Anaspis Geoffr.

7938. nigrina Csiki 15–69 L. Sup. N. Y. Vt. H. B. T.
nigra || (Hald.) 48–99 [Nfld.
7939. atrata Champ. 91–259 Colo. Cal. Mex.
atra || Lec. 51–157 So. Cal.
40. militaris Smith 82–77 Cal.
41. sericea Mann. 43–288 Alas. Cal.
luteipennis Lec. 51–157
42. flavipennis Hald. 48–100 N.Y. Ga. Minn.
43. rufa Say 26–244 Fla. So. M. W. St. Conn. Ind.
filiformis Lec. 50–231 [Nfld.
nigriceps Lec. 59–88
pallescens Mann. 43–288 Alas.
a. ventralis Melsh. 46–312 Pa.
44. pusio Lec. 58–76 So. Cal. Ariz.
45. collaris Lec. 51–157 Cal. So. Cal.

RHIPIPHORIDÆ

Gerstæcker 55; Horn 75; Leconte 80; Pierce 04; Csiki 13

PELECOTOMINI

Pelecotoma Fisch. 09–293

7946. flavipes Melsh. 46–318 S. C.

Pelecotoides Cast. 40–263

7947. nubilus Gerst. 55–4 Peru & Tex.

Toposcopus Lec. 68–54

7948. wrighti Lec. 68–54 N. Mex.

RHIPIPHORINI

Macrosiagon Hentz 30–462
(*Emenadia* Cast. 40–261)
(*Rhipiphorus* || Fab. 92–109)

7949. flavipenne (Lec.) 66–153 Pa. Ga. Ill. So. Cal. Conn.

Macrosiagon Hentz

abdominale (Lec.) 66–154 ♀
7950. dimidiatum (Fab.) 81–332 N. Y. Fla. Mo.
marginale (Lec.) 66–154 ♂ [Ind.
51. bifoveatum (Horn) 75–123 Ill.
7952. octomaculatum (Gerst.) 55–22 Ga. Fla. Kan.
bicolor || (Say) 23–275 [Tex.
?3-maculatus Sz. 78–464 (err. typ.)
a. sayi (Lec.) 58–21 [Fla.
b. puncticeps (Lec.) 58–20
53. pectinatum (Fab.) 75–263 N. Y.-Kan. &
ambiguum (Melsh.) 46–317 [So. Ind. Fla.
dubium (Melsh.) 46–316
fasciatum (Melsh.) 46–317
nigrum (Melsh.) 46–317
sexmaculatum (Fab.) 75–263
a. humeratum (Fab.) 01–119 S. C.
b. impressum (Melsh.) 46–316 Pa.
c. longipes (Melsh.) 46–317 Pa.

Macrosiagon Hentz
d. maxillosum (Melsh.) 46–316 Pa.
e. nigricorne (Fab.) 01–110 S. C.
f. sanguineolentum (Germ.) 24–169
g. thoracicum (Melsh.) 46–317 Pa. [S. C.
h. triste (Fab.) 01–119 S. C.
i. varicolor (Gerst.) 55–25 S. C.
j. ventrale (Fab.) 01–120 S. C. Fla.
7954. cruentum (Germ.) 24–168 Ga.-So. Cal. Fla. Ariz. Ind.
a. rufum (Lec.) 54–225 Cal. So.Cal. Ariz.
55. acutipennis Pierce 04–11 Neb. Mich.
56. limbatum (Fab.) 92–112 Pa.-Tex. Fla.
57. lineare (Lec.) 66–154 Ky.[Ind.Conn.

Rhipiphorus Bosc 92–293
(*Dorthesia* Say 23–274)
(*Myodes* Latr. 18–130)
(*Myodites* Latr. 19–302)
(*Rhipidophorus* G. & H. 70–2123)

Rhipiphorus Bosc
7958. luteipennis Lec. 65–97 N. Y. N. Mex.
59. nevadicus (Lec.) 80–211 Nev. N. Mex.
60. semiflavus Lec. 65–97 Md.
61. popenoei (Lec.) 80–210 Kan. Colo.
62. minimus (Pierce) 04–159 Neb.
63. scaber Lec. 52–67 N. Mex. Okla.
64. vierecki (Fall) 07–259 N. Mex. Ariz.
65. solidaginis (Pierce) 02–293 Neb.
66. californicus (Lec.) 80–211 Cal. So. Cal.
67. fasciatus (Say) 23–274 Pa. Ill. Mo. Ind. Conn.
americanus (Guér.) 44–369
a. brunneus (Pierce) 04–160 Neb.
68. schwarzi (Lec.) 80–211 ♂ Fla.
zeschi (Lec.) 80–211 ♀ N. Y.
69. walshi Lec. 65–97 Ill. N. Y.
70. stylopides (Newn.) 38–376 Can. N.Y. D.C.
— flavicornis (Say) 23–274 Pa.

RHIPIDIINI

Rhipidius Thunb. 06–5
(*Symbius* Sundevall 31–1222)
7970½. pectinicornis Thunb. 06–5
blattarum Sund. 31–1222 Eur. N.A.†

MELOIDÆ

(*Lyttidæ* [1])

Leconte 53, 66, 80; Horn 73, 75, 85, 91; Casey 91; Fall 01; Wellman 10

MELOINÆ

MYLABRINI

Cordylospasta Horn 75–152
7971. fulleri Horn 75–152 Nev.

LYTTINI

Lyttides

Pyrota Lec. 62–273
7972. mylabrina Chev. 34–3 Mex. & Ariz.
concinna Csy. 91–174 W. Tex.
a. terminata Lec. 66–159 Kan. Colo. & Westw. Ut.
73. engelmanni (Lec.) 51–91 Mo.-Tex. Ind.
74. punctata Csy. 91–173 W. Tex. Ariz. N. Mex.
75. postica Lec. 66–160 Tex.-Mex. Ariz.
76. tenuicostata Dug. 80–60 Mex.-Tex.
dubitabilis Horn 85–113 Mex. Border,
vittigera ‡ (Lec.) 58–22 [Tex.
rufipennis Chev. 35–80
77. obliquefascia Schffr. 08–320 Ariz.
78. akhurstiana Horn 91–42 N. Mex. Ariz.
79. insulata (Lec.) 58–22 Tex.
80. dakotana Wickh. 03–73 S. Dak.
81. germari (Hald.) 46–303 Md. N. C. Va.
82. discoidea (Lec.) 53–338 Tex. [Ga.

Pyrota Lec.
7983. divirgata Villada 67–15 Mex. Tex.
84. trochanterica Horn 94–439 L. Cal.
85. invita Horn 85–114 Tex.
a. limbalis Lec. 66–160 Va. Fla.
86. lineata (Oliv.) 95–14 Ga. Tex. La. Fla.
87. bilineata Horn 85–115 Colo. Ariz. N. Mex.
88. sinuata (Oliv.) 95–9 S. C. Fla. La.
afzeliana (Fab.) 01–78
— infirma? Tex.

Pomphopœa Lec. 62–273
7989. polita (Say) 23–302 Ga. S.C. Fla.
a. femoralis Lec. 53–336 La. Fla.
90. sayi Lec. 53–336 Ill. Can. Tex.
ænea var: Say 24–288 Ill. [Conn.
pyrivora Fitch 56–354 N. Y.
91. unguicularis Lec. 66–160 Ill. Conn.
92. texana Lec. 66–161 Tex.

† Introduced.

[1] *Meloe* L. dates from 1758: *Lytta* Fab. dates from 1775. Wellman prefers the name Lyttidæ for the family because the genus *Lytta* is the typical one of the family, but this reason seems insufficient to overcome the priority of Meloe. Cantharidæ has also been used, but improperly as the earliest use of Cantharis is in a different family.

Pomphopœa Lec.

7993. ænea (Say) 23–301 Pa. Ill. Tex. Ind. Conn.
nigricornis Lec. 48–90 Mo.
tarsalis Bland 64–71 Ill.
filiformis Lec. 48–91 Tex.

Epicauta Redt. 45–621

7994. sanguinicollis Lec. 53–344 Fla.
95. albolineata (Sturm) Dug. 77–64
duplicata Csy. 91–172 Ariz.
A.
96. oblita Lec. 51–162 So. Cal. Or.
97. puncticollis (Mann.)43–288 Or.-So.Cal. Id.
98. trichrus (Pallas) 81–100 Ind. Pa.-Tex. convolvuli (Melsh.) 48–53 [Can.
99. merkeliana Horn 91–43 Ariz.
8000. strigosa (Gyll.) 17–18 Pa.-Ga. Fla.
nigricornis (Melsh.) 48–53
01. watsoni Blatch. 18–58 Fla.
02. batesi Horn 75–153 Ga.-Fla. N. J.
03. heterodera Horn 91–43 No. Fla.
04. ferruginea (Say) 23–298 Ind. Dak.-N. Mex. Ariz. Can.
05. sericans Lec. 66–158 Ariz. Kan.
?immerita Walk. 66–330 [N. Mex. Or.
06. pruinosa Lec. 66–158 Kan.-Utah.
07. callosa Lec. 66–158 Dak.-Tex.
B.
08. caviceps Horn 73–99 Ariz.
09. rileyi Horn 74–37 Ariz.
10. straba Horn 91–42 So. Cal.
11. ruidosana Fall 07–258 N. Mex.
C.
12. pedalis Lec. 66–157 L. Cal. Tex.
13. insignis Horn 85–110 Ariz. [Ariz.
14. nigritarsis Lec. 53–340 Tex.
15. ingrata Fall 07–258 N. Mex.
16. pardalis Lec. 66–157 Ariz. Tex.
17. maculata (Say) 23–298 N. Mex. Dak. Or. Ill. So. Cal.
conspersa Lec. 53–340 [Ariz.
18. vittata Fab. 75–260 M. St. Can. Ind. Conn. Ia.
chapmani (Woodh.) 00–214
19. lemniscata Fab. 01–279 Fla. So. St. Ill.
20. abadona Skin. 04–217 Ariz. [Kan.
21. alastor Skin. 04–217 Ariz.
22. stuarti Lec. 68–54 N. Mex. Kan.
23. wheeleri Ulke 75–812 Ariz. [Colo.
24. cinerea (Forst.) 71–62 M. St. Ind.
clematides (Woodh.) 00–213 [Conn.
fimbriata (Thunb.) 91–109
a. marginata (Fab.) 75–260 Conn. Ind.
25. cupreola Dug. 69–142 Ariz. Mex.
26. oregona Horn 75–153 Or. [Tex.
27. funebris Horn 73–102 Tex.
28. levettei Csy. 91–171 Colo.
29. melanochroa Wellm. 10–24
nigra || Dug. 69–161 Mex. (U.S.?)
30. fissilabris Lec. 50–232 L.Sup. H.B.T.
31. fallax Horn 85–111 So. Cal.
32. corvina Lec. 58–21 Colo. Ariz.
33. pennsylvanica (DeG.)75–15 M. St. Tex. Can. Conn.
atrata (Fab.) 75–260 [Ind.
coracina (Ill.) 04–171
nigra (Woodh.) 00–213
morio Lec. 53–447

Epicauta Redt.

8034. maura Lec. 51–162 Cal. So. Cal.
35. alphonsei Horn 74–38 Cal. So. Cal.

Macrobasis Lec. 62–272
(*Apterospasta* ‡ Lec. 62–272)

8036. albida (Say) 23–305 Kan. Colo.
luteicornis Lec. 54–84 ♂ Tex. [N. Mex.
37. longicollis (Lec.) 53–343 Tex. Ariz.
sublineata (Lec.) 53–447 ♀ Tex. [N. Mex.
38. atrivittata (Lec.) 54–224 Tex. Ariz. N. Mex.
39. purpurea Horn 85–108 Ariz.
40. virgulata Lec. 66–156 L. Cal.
41. torsa (Lec.) 53–343 Tex. Mass. Ind.
42. unicolor (Kby.) 37–241 Ind. Can.-Ga.-Ariz. Conn. Fla.
cinerea (Fab.) 98–119
fabricii (Lec.) 53–343
42½. debilis (Lec.) 53–344 L.Sup.
murina (Lec.) 53–344
43. excors Fall 09–166 L. Cal.
44. flavocinereus Blatch. 10–1359 Ind.
45. tenuis (Lec.) 53–343 Ga. Fla.
46. tenuilineata Horn 94–436 L. Cal. Ariz.
47. linearis (Lec.) 58–23 Tex.
48. languida Horn 95–252 L. Cal.
49. ochrea (Lec.) 53–342 Tex. Ariz.
50. gisslcri Horn 78–58 N. Mex.
51. lauta Horn 85–108 Ariz.
52. tenella (Lec.) 58–23 Tex. Ariz.
53. immaculata (Say) 23–301 Ind. Kan. Colo.
articularis (Say) 23–301 [Tex. Ariz.
fulvescens (Lec.) 53–447
54. segmentata (Say) 23–303 Kan. Tex. Ariz. N. Mex. Mont. La.
valida (Lec.) 58–39
— borcii Dug. 89–50 Tex.?

Lytta Fab. 75–260
(*Cantharis* || Geoff. nec L.)
I.

8055. eucera Chev. 34–56 Mex. Tex.
56. mutilata Horn 75–155 Ariz.
57. peninsularis Fall 01–300 L. Cal.
58. quadrimaculata Chev. 34–79 Mex. Tex.
59. vulnerata (Lec.) 51–159 So. Cal. Nev.
angulicollis Dug. 89–105 [Or.
a. cooperi Lec. 54–18 Cal. Wash. Id.
60. margarita Fall 01–300 L. Cal. Is.
61. magister Horn 70–90 So. Cal. Ariz.
62. deserticola Horn 70–90 Ariz. N. Mex.
63. pilsbryi Skin. 06–217 Tex.
64. morosa Fall 01–301 So. Cal.
65. mclæna Lec. 58–76 Ariz. L. Cal. So. Cal.
66. nuttalli Say 23–300 Kan. Colo. Mont. Wy. Can.
fulgifer (Lec.) 51–90
67. cyanipennis Lec. 51–160 Utah-Or. Can.
salicis Lec. 53–333
68. viridana Lec. 66–162 Kan.-Man.
69. tenebrosa Lec. 51–160 So. Cal.

Lytta Fab.

8070. ulkei Beauregard 89–212 lugubris || Ulke 75–812 Nev. E. Cal.
71. blaisdelli Fall 09–166 No. Cal.
72. childi Lec. 57–52 So. Cal. L. Cal.
73. funerea Fall 01–301 Cal.
74. puberula Lec. 66–162 Ariz. Colo.
75. biguttata Lec. 53–332 Ariz.-Mont.

II.

76. suavissima Wellm. 10–24 gentilis || Horn 83–311 N. Mex. Ariz.
77. mœrens Lec. 51–216 So. Cal.
78. insperata Horn 74–39 So. Cal.
79. molesta Horn 85–111 So. Cal.
80. reticulata Say 23–305 Kan. Colo.
81. agrestis Fall 01–302 Ariz. [N. Mex.
82. cribrata Lec. 53–447 Tex.
83. fulvipennis Lec. 53–331 Colo. Tex.
cardinalis ‡ Lec. 53–447 (nec Chev.)
84. dichroa Lec. 53–332 Mex. Tex.
lecontei Heyden
85. occipitalis Horn 83–312 So. Cal.
86. incommoda Horn 83–312 So. Cal.
nunnenmacheri Wellm. 12–36 No. Cal.
87. stolida Fall 01–302 Cal.
88. stygica (Lec.) 51–161 So. Cal. Or.
a. smaragdula Lec. 51–160 Cal. [Wash.
b. dolosa Lec. 61–354
89. arborea Wellm. 12–34 No. Cal.
90. purpurascens Fall 01–302 So. Cal.
91. chloris Fall 01–303 Cal.
92. nigripilis Fall 01–303 Cal.
93. auriculata Horn 70–91 Cal. L. Cal.
94. refulgens Horn 70–91 Cal. [So. Cal.
95. æneipennis (Lec.) 51–160 So. Cal.
96. crotchi Horn 74–38 So. Cal.
97. difficilis Fall 01–303 So. Cal.
98. nitidicollis Lec. 51–160 So. Cal. L. Cal.
99. lugens (Lec.) 51–161 So. Cal.
8100. hoppingi Wellm. 12–35 Cal.
01. rathvoni Lec. 56–335 Cal.

III.

02. sphæricollis Say 23–299 Kan.-E. Wash.
chalybea (Lec.) 51–160 Or.
03. infidelis Fall 01–303 Wash. Or. Cal.
04. compressicornis Horn 70–91 So. Cal.
05. convexa Lec. 53–336 Tex. Colo.

Pleuropompha Lec. 62–273

8106. costata Lec. 54–84 Tex.

Gnathospasta Horn 75–154

8107 mimetica Horn 75–154 Tex.

Tetraonyx Latr. 33–160

8108. frontalis Chev. 33–14 Tex.
09. dubiosa Horn 94–440 L. Cal.
10. femoralis Dug. 70–104 Mex. Ariz.
11. fulva Lec. 53–344 Ariz. Tex. N. Mex.
12. quadrimaculata Fab. 75–50 Ga. S.C. Fla.

Calospastides

Phodaga Lec. 58–76

8113. alticeps Lec. 58–77 Mex. Ariz. So. Cal.

Negalius Csy. 91–175

8114. marmoratus Csy. 91–175 W. Tex. L. Cal. Ariz.

Eupompha Lec. 58–21

8115. fissiceps Lec. 58–21 Tex.

Tegrodera Lec. 51–159

8116. erosa Lec. 51–159 So. Cal. L. Cal.
a. aloga Skin. 03–168 Ariz.
b. inornata Blaisd. 18–334 Ariz.
17. latecincta Horn 91–44 So. Cal.

Pleuropasta Wellm. 09–20

8118. mirabilis (Horn) 70–121 S. W. Utah, Ariz. So. Cal.

Calospasta Lec. 62–273

8119. histrionica Horn 91–100 So. Cal.
20. viridis Horn 83–312 Colo. N. Mex.
21. elegans (Lec.) 51–161 So. Cal.
a. humeralis Horn 70–93 So. Cal.
22. perpulchra Horn 70–92 So. Cal.
23. decolorata Horn 94–437 L. Cal.
24. schwarzi Wellm. 09–23 Cal.
25. sulcifrons Champ. 92–394 Mex. Ariz.?
26. fulleri Horn 78–59 So. Cal.
27. mœsta Horn 78–59 So. Cal.
28. morrisoni Horn 91–102 So. Cal.
29. nemognathoides Horn 70–92 So. Cal. Ariz.
30. wenzeli Skin. 04–217 Ariz.
31. imperialis Wellm. 12–37 Cal.

MELOINI

Gynæcomelodides

Gynæcomeloe Wellm. 10–217
(*Gynapteryx* Wellm. 09–19 nec Fairm.)

8132. opaca (Horn) 68–139 So. Cal.

Cysteodemides

Cysteodemus Lec. 51–158

8133. armatus Lec. 51–158 So. Cal. Ariz.
34. wislizeni Lec. 51–158 N. Mex. Ariz.

Megetra Lec. 59–127

8135. vittata Lec. 53–330 N. Mex. Ariz.
cancellata ‡ Lec. nec Br.&Er. 32–141 Mex.

Apterospastides

Poreospasta Horn 67–139

8136. polita Horn 67–139 Cal.

Henous Hald. 52–377

8137. confertus (Say) 23–281 Mo. Tex.
techanus Hald. 52–377

Meloides

Meloe L. 58–419

8138. montanus Lec. 66–155 Mont.
39. tinctus Lec. 66–155 Neb.
40. carbonaceus Lec. 66–155 Neb.
41. afer Bland 64–70 Neb.
42. impressus Kby. 37–242 Can. M. St.
a. niger Kby. 37–241 Can. [Ind.
americanus Br.& Er. 32–118
43. opacus Lec. 61–354 Cal.
44. barbarus Lec. 61–354 So. Cal. Is.
45. perplexus Lec. 53–329 Pa.
46. strigulosus Mann. 52–349 Alas. Cal. (So. Cal.?)

Meloe L.

8147. angusticollis Say 23–280 Pa. Can. Ind.
rugipennis Lec. 53–328 M.St.
48. americanus Leach 15–251 Ga. Can. Ind.
angusticollis ‡ Lec. 53–328 M. St.
49. mœrens Lec. 53–328 N.Y.
50. lævis Leach 15–249 W.I.
sublævis Lec. 54–84 N. Mex. Ariz.

Nomaspis Lec. 66–156

8151. parvula (Hald.) 52–377 Utah, N. Mex.
52. sublævis Horn 67–140 Cal.

ZONITINÆ

Sitarini

Hornia Riley 77–564

8153. minutipennis Riley 77–564 Mo.
54. gigantea Wellm. 11–16 Kan.

Leonidia Ckll. 00–11
(*Leonia* || Dugès 89–211)

8155. neomexicana Ckll. 99–416 N. Mex.

Zonitini

Zonitides

Zonitis Fab. 75–126

8156. atripennis Say 23–306 Ark. N. Mex.
57. flavida Lec. 53–349 N.Mex.So.Cal.
58. bilineata Say 17–22 M.&W.St.Ind.
lineata Melsh. 46–53 [Minn. Conn.
mandibularis Melsh. 46–53
59. sulcicollis Blatch. 10–1357 Ind.
60. longicornis Horn 70–93 Ill. Fla.
61. martini Fall 07–257 N. Mex.
62. vigilans Fall 07–257 Cal.
63. rufa Lec. 54–85 Tex.
64. vittipennis Horn 75–155 Ariz.
65. californica Wickh. 05–171 Cal.
66. vermiculatus Schffr. 05–138 Utah.

Nemognathides

Gnathium Kby. 18–425

8167. francilloni Kby. 18–426 Ga.
flavicolle Lec. 58–23 Tex.
68. minimum Say 23–306 Ark. Kan. Tex. N. Mex. Ariz.
69. longicolle Lec. 58–77 Tex.
70. texanum Horn 70–94 Tex. Ariz.
71. nitidum Horn 70–95 So. Cal. Ariz.

Nemognatha Ill. 07–333

8172. lurida Lec. 53–345 Kan. Ariz.
decipiens Lec. 53–347 Or.
73. apicalis Lec. 53–345 Cal. So. Cal.
?bicolor || Walk. 66–331 Vanc. [Ariz.
walkeri Beaur. 89–212
74. lutea Lec. 53–346 Kan. Ariz. Cal.
pallens Lec. 53–346 Cal. [(So.Cal?)
75. bicolor Lec. 53–345 Kan. Colo. Tex.
discolor Lec. 58–77 Tex.
76. dichroa Lec. 53–346 Mont. Or. Cal. Ariz.?
77. dubia Lec. 53–346 So. Cal. Or.
78. palliata Lec. 53–346 L. Sup. Mont.
79. piezata Fab. 98–104 Ga. Atl.-Mont. Fla. Ariz.?

Nemognatha Ill.

vittata Fab. 01–24
texana Lec. 53–347 Tex.
8180. punctulata Lec. 53–347 Ga.
a. flavipennis Uhler 55–418 Va. Ind.
81. nigripennis Lec. 53–347 N.Mex.So.Cal.
82. nemorensis Hentz 30–258 Ala. M. S. W. St. Ind. Fla.
bimaculata Melsh. 46–54 N. Y.
83. cribraria Lec. 53–348 M. W. St. N. Mex.
84. scutellaris Lec. 53–347 So. Cal. Utah.
85. immaculata Say 17–22 Kan. Colo. N.- [Mex. Ariz.
sayi Wickh. 05–171
86. bridwelli Wellm. 12–38 So. Cal.
87. punctipennis Lec. 80–214 Ariz.
88. dunniana Csy. 91–170 Tex.
89. sparsa Lec. 68–53 Colo. N. Mex. Ariz.
90. zonitoides Dug. 74–47 Mex. Tex.
91. vittigera Lec. 53–348 Ariz. Ill. Mo. Ind. Tex.
92. perforata Csy. 91–170 Tex.
93. cribricollis Lec. 53–348 S.&W.St. Tex. Ind. Ariz.
porosa Lec. 53–349 Ga.
fuscipennis Lec. 53–349 Mo.
— calceolata Guér. 29–136 N. Am.

Tricraniides

Tricrania Lec. 60–320

8194. sanguinipennis (Say) 23–279 Pa. Ct. Ind.
95. murrayi Lec. 60–320 Or.

Tricraniodes Wellm. 10–219

8196. stansburyi (Hald.) 52–377 Utah.

Horiides

Horia Fab. 87–164

8197. anriculata Champ. 92–372 C.Am. Mex. [Ariz.
maculata‡ Lec. & Horn 83–417 nec Swed.

EURYSTETHIDÆ (*Aegialitidæ*)

Wickham 04; Borchmann 10; Van Dyke 18

Eurystethus Scidl. 16–127
(*Aegialites* || Mann. 53–180)
(*Elosoma*‡ auct. nec Mots. 45–33)

8198. californicus (Mots.) 45–33 Alas.

Eurystethus Seidl.

debilis (Mann.) 53–180
8199. fuchsi (Horn) 92–143 Cal.
8200. subopacus Van D. 18–308 Cal.

PYTHIDÆ

Leconte 68; Horn 68, 88; Wickham 99

Sphalma Horn 72–150
8201. quadricollis Horn 72–151 Cal.

Lecontia Champ. 93–453
(*Crymodes* || Lec. 50–234)
8202. discicollis (Lec.) 50–233 Can. L. Sup.

Pytho Latr. 96–23
8203. niger Kby. 37–164 Lab. Can. N. Eng.
04. planus Hbst. 97–14 Eur. & N.Am.
americanus Kby. 37–165 Can.-N. C. O. Mich. Wis.
deplanatus Mann. 53–268 Alas. [Kan.
?depressus (L.) 66–675 Eur. Sib.
05. strictus Lec. 66–168 Can. Pa.

Priognathus Lec. 50–233
8206. monilicornis (Rand.) Can.Me.Vanc.
sahlbergi Mann. 43–285 Alas.

Trimitomerus Horn 88–44
8207. riversi Horn 88–45 Ariz.

Cononotus Lec. 51–137
8208. macer Horn 68–136 Cal. So. Cal.
09. punctatus Lec. 51–138 So. Cal.
10. sericans Lec. 51–137 So. Cal.

Salpingus Gyll. 10–640
8211. virescens Lec. 50–232 L. Sup. Ind. Can. Lab.
12. alternatus Lec. 59–285 No. Cal. Or.
13. tibialis Lec. 66–168 Kan. [N. H.
14. elongatus Mann. 52–350 Alas.

Rhinosimus Latr. 05–231
8215. æneirostris Mann. 53–45 Alas.
16. pallipes Boh. 58–112 Cal. (?)
17. viridiæneus Rand. 38–23 Me. Ind. Can.
nitens Lec. 66–168 Me. Can.

PYROCHROIDÆ

Leconte 55; Horn 88; Blair 14

Ischalia[1] Pasc. 60–54
(*Eupleurida* Lec. 73–335)
8218. costata (Lec.) 66–142 N.Y.-N.C. Ind. Md. Va.
19. vancouverensis Harr. 92–132 [L. Sup. Vanc. Id. Cal.

Neopyrochroa Blair 14–315
(*Pyrochroa* Geoffr. 62–338)
8220. flabellata Fab. 98–105 M. St. Conn. Ind.
21. femoralis Lec. 55–274 M.&W.St.Ind. Conn.

Schizotus Newn. 38–375
8222. fuscicollis Mann. 54–301 Sib. Alas.

Schizotus Newn.
8223. californica Horn 91–45 So. Cal.
24. cervicalis Newn. 38–375 L. Sup. N. Y. Ind. Conn.

Dendroides Latr. 10–212
8225. bicolor Newn. 38–375 Can.-Fla. Ind.
canadensis Lec. 55–275 M. S. & W. St. Conn.
26. concolor Newn. 38–375 Can.M.&N.St. Ind. Conn.
27. picipes Horn 80–154 No.Cal.-Wash.
28. ephemeroides (Mann.) 52–348 Alas.-Wash.
?testacea Lec. 55–275 L.Sup. Can.

PEDILIDÆ

Leconte 55; Horn 71, 83; Pic 11; Fall 15

PEDILINI

Pedilus Fisch. 22–35
(*Corphyra* Say 35–189)
8229. flabellatus (Horn) 83–306 Nev. Cal.
30. crotchi (Horn) 74–41 Cal.
31. abnormis (Horn) 74–40 Cal.Nev.Colo.
32. infectus Fall 15–17 So. Cal.
33. longilobus Fall 15–18 Cal. Wash.
34. serratus Fall 15–19 Cal.
35. monticola (Horn) 74–41 Cal. Nev.
36. arizonensis Fall 15–21 Ariz. [Mont.
37. bardi (Horn) 74–42 So. Cal.
a. distinguendus (Horn) 74–42 So. Cal.

Pedilus Fisch.
8238. punctulatus (Lec.) 51–151 Cal. Nev.
a. funebris (Horn) 71–286 Cal. [Wash.
39. oregonus Fall 15–24 Or. No. Cal.
40. cavatus Fall 15–25 Cal. [Wash.
41. flexiventris Fall 15–26 So. Cal.
42. alticola Fall 15–27 Cal.
43. canaliculatus (Lec.) 66–143 Ohio, Ind.
44. elegans (Hentz) 30–257 Mich. Dak. Ind.
45. terminalis (Say) 27–247 M.St.O.Mich.
guttulus (Newn.) 38–375 [Ind.

[1] It is doubtful whether this genus belongs in Pyrochroidæ, but there is no authority for placing it elsewhere.

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Pedilus Fisch.
8246. lewisi (Horn) 71–281 Colo.
a. variabilis (Horn) 83–308 Colo. Mont. N. Mex.
47. fulvipes (Newn.) 38–375 N.Y. O. Mich. Can. Ind.
48. newmani (Lec.) 55–274 Me. N.Y. Can.
lugubris || (Newn.) 38–375
49. cyanipennis (Bland) 64–264 N.H. Va.
50. labiatus (Say) 27–247 M.St. O. Dak.
infumatus (Hentz) 30–257 [Ind.
a pulcher (Lec.) 48–84 O.-Mont. Ind.
51. lugubris (Say) 27–246 M.St. O. Can.
imus (Newn.) 38–375 [Ind.

Pedilus Fisch.
inornatus (Rand.) 38–23
nigricans (Ziegl.) 44–46
8252. collaris (Say) 27–246 M.St. Ind. Ct.
infumatus (Lec.) 50–83
marginicollis (Ziegl.) 44–47
rufitborax (Newn.) 38–375
53. brunneus (Blatch.) 10–1331 Ind.
54. inconspicuus (Horn) 74–42 Cal. Nev. So.-
a. flavidus Fall 15–28 Cal. [Cal.
55. picipennis Fall 15–29 Cal.
56. vittatus (Horn) 71–279 Cal.
57. lineatus Fall 15–31 So. Cal.
— impressus (Say) 27–248 N. Am.

EURYGENIINI

Eurygenius Laf. 48–1
(*Retocomus* Csy. 95–628)
8258. wildi Lec. 55–270 Ky. Ind.
59. murinus Hald. 43–304 Atl. St.
60. constrictus Lec. 51–151 So. Cal.
61. gratus Csy. 95–629 Cal.
62. decorellus Csy. 95–629 Cal.
(*Pergetus* Csy. 95–636)
63. campanulatus Lec. 74–69 Vanc.
— wilat Lacord. 59–578 N. Am.

Stereopalpus Laf. 48–4
8264. mellyi Laf. 48–5 Atl. St. Ind.
65. vestitus (Say) 23–273 Atl. St. Ind.
badiipennis Lec. 55–271 Mich.
66. pruinosus Lec. 74–69 So. Cal.
67. incanus Csy. 95–632 So. Cal.

Stereopalpus Laf.
8268. variipes Csy. 95–633 No. Cal.
69. indutus Csy. 95–633 No. Cal.
70. nimius Csy. 95–634 So. Cal.
71. rufipes Csy. 95–634 Ind.
72. guttatus Lec. 55–271 Wy. Or.
73. impressicollis Csy. 95–635 No. Cal.
74. suballbicans Csy. 95–636 Cal.

Leptoremus Csy. 04–314
8275. argenteus Csy. 04–315 Cal.

Mastoremus Csy. 95–630
8276. longicornis Csy. 95–631 Ariz.

Bactrocerus Lec. 66–143
8277. concolor Lec. 66–143 L. Cal.

MACRATRIINI

Macratria Newn. 38–377
8278. confusa Lec. 55–272 Ind. Conn.
79. murina (Fab.) 01–91 Ind.
linearis Newn. 38–377 Ohio

Macratria Newn.
8280. ovicollis Csy. 95–638 N. Y.
81. brunnea Csy. 95–638 Tex.

INCERTÆ SEDIS

(*Nematoplini* Csy. 95–626)
Nematoplus Lec. 55–270
8282. collaris Lec. 55–275 Mich.

ANTHICIDÆ

Laferté 48; Leconte 52; Horn 84; Casey 95; Pic 11

Notoxus Geoffr. 62–356
(*Ceratoderus* Blaneb. 46–40)
(*Monocerus* Fald. 37–106)
(*Nothoxus* Redt. 58–636)
(*Notoxys* Seidl. 90–546)
8283. bicolor Say 24–10 Atl. St. Ind.
murinipennis Lec. 51–170
84. schwarzi Horn 92–47 Utah.
85. talpa Laf. 48–50 Mont.-Tex. Ill.
?elegantulus Laf. 48–52 [Colo. Ind.
subtilis Lec. 52–93
86. nuperus Horn 84–168 Kan. N. Mex.
87. nuperoides Fall 16–33 N. Mex. [Ariz.
88. caudatus Fall 02–257 N. Mex.
89. bifasciatus Lec. 52–89 Can.-Ariz. Ind.
90. balteatus Csy. 95–759 Ariz.

Notoxus Geoffr.
8291. brevicornis Fall 16–34 Ariz.
92. montanus Csy. 95–760 Colo. N. Mex. Ariz.
93. similis Fall 16–37 Colo. N. Mex.
94. microcerus Csy. 95–760 Ariz.
95. spatulifer Csy. 95–761 So. Cal.
96. denudatus Horn 84–167 Cal. So. Cal.
97. debilitans Csy. 95–762 So. Cal.
98. conformis Lec. 51–152 So. Cal. Ariz.
sparsus Lec. 59–284 So. Cal.
99. lustrellus Csy. 95–763 Cal.
8300. breviusculus Fall 16–35 Cal.
01. nevadensis Csy. 95–763 Nev.
02. anchora Hentz 27–375 Atl.-Colo. Ind.
03. humboldti Csy. 95–764 No. Cal.

Notoxus Geoffr.

8304. monodon Fab. 01–289 Fla. Atl.-L.
testaceus Laf. 48–302 [Cal. Ind. Ct.
a. decoloratus Laf. 48–302
b. pilatei Laf. 48–297 Tex. Fla.
05. austinianus Csy. 95–765 Tex.
06. filicornis Csy. 95–766 Fla.
07. dinocerus Csy. 95–766 Tex.
08. desertus Csy. 95–767 Ariz.
09. constrictus Csy. 95–768 Cal. So. Cal.
10. robustus Csy. 95–768 Cal. So. Cal.
11. serratus Lec. 52–90 Kan.-Or. Ariz.
digitalis Lec. 76–518
12. alamedæ Csy. 95–769 Cal. So. Cal.
13. pictus Csy. 95–770 Wash.
14. apicalis Lec. 52–93 Mich.-Kan.
monodon‡ Lec. 52–90 [Tex. Cal.
a. marginatus Lec. 52–93
15. cavicornis Lec. 51–152 So. Cal. Nev.
16. pallidus Fall 16–35 Ariz.
17. intermedius Fall 16–38 So. Cal.
18. calcaratus Horn 84–167 Tex.Ariz.Nev. L.Cal. So.Cal.
19. delicatus Csy. 84–189 N. J.
20. arizonensis Fall 16–36 Ariz.
21. planicornis Laf. 48–89 Fla.

Mecynotarsus Laf. 48–57

8322. candidus Lec. 75–175 Fla. Va. S. C.
23. flavicans Csy. 95–772 N. J. [Ut. Ind.
24. delicatulus Horn 68–137 So. Cal. Ariz.
25. elegans Lec. 75–175 Fla.

Formicilla Lec. 51–152
(*Formicus* Lec. 61–266)
(?*Formicomus* Laf. 48–70)

8326. scitula (Lec.) 52–94 S. C. Fla.
27. munda Lec. 51–152 So. Cal.
28. evanescens Csy. 95–646 Tex.
29. gilensis Csy. 95–647 Ariz.
30. punctata Pic 04–491 ?

Dilandius Csy. 95–642

8331. myrmecops Csy. 95–643 So. Ill. Ind.
32. unicus Csy. 95–643 Fla.

Tomoderus Laf. 48–94

8333. interruptus Laf. 48–97 Ind.Ky.Ia.
abbreviatus Csy. 95–648 [Fla.
a. bilobus Laf. 48–98
34. constrictus (Say) 27–244 N.Y.R.I. Ind. Mich. Fla.
35. impressulus Csy. 95–649 N. C.

Amblyderus Laf. 48–62

8336. obesus Csy. 95–743 So. Cal.
37. albicans Csy. 95–744 So. Cal.
38. parviceps Csy. 95–744 So. Cal.
39. gracilentus Csy. 95–745 Cal.
40. granularis (Lec.) 50–231 L. Sup.
41. punctiger Csy. 95–747 L. Sup.
42. pallens (Lec.) 50–231 Fla.L.Sup.Ind.
a. arenarius Csy. 95–748 R. I. [Wis.

Anthicus Payk. 98–253[1]
(*Baulius* Csy. 95–650)

8343. tenuis Lec. 51–153 W. Tex.-So. Cal. Ariz.

Anthicus Payk.
(*Liobaulius* Csy. 04–316)

8344. subtropicus Csy. 04–317 Tex.
45. lulingensis Csy. 04–317 Tex.
46. spectans Csy. 04–317 Tex.
(*Malporus* Csy. 95–651)
47. formicarius Laf. 48–185 R. I.-Ia. (So. Cal.)
48. cinctus Say 23–278 Ill. Ia. Ind.
49. properus Csy. 95–653 Ia. Ind.
50. blandus Csy. 95–654 L. I.
(*Nathicus* Csy. 95–655)
51. virginiæ Csy. 95–655 Va.
(*Lappus* Csy. 95–656)
52. pinalicus Csy. 95–658 Ariz. So. Cal.
53. obscurus Laf. 48–116 Pa. N. C. Ind.
54. vigilans Csy. 95–659 Cal.
55. cursor Csy. 95–660 Tex. Ariz.
56. alacer Csy. 95–660 S. W. Utah.
57. nubilatus Csy. 95–661 Ariz.
58. lividus Csy. 95–662 Tex.
59. sturmi Laf. 48–304 N. C. Ind. Ct.
elegans || Laf. 48–117
60. nitidulus Lec. 51–153 Cal.
61. asperulus Csy. 95–664 Or.
62. canonicus Csy. 95–664 So. Cal.
63. ornatellus Csy. 95–665 Ariz.
64. vividus Csy. 95–666 Ariz.
65. bipartitus Csy. 95–666 So. Cal. Ariz.
66. turgidicollis Csy. 95–667 So. Cal.
67. subtilissimus Pic 96–31 N. Mex.
subtilis || Csy. 95–667
68. animatus Csy. 95–668 Ariz.
69. solivagans Csy. 95–668 Ariz.
70. gibbithorax Pic 94–21 Tex.
(*Cyclodinus* Muls. & Rey 66–104)
(*Thicanus* Csy. 95–670)

8371. texanus Laf. 48–301 Tex.
72. rejectus Lec. 52–97 N. J. Del. Ct.
73. mimus Csy. 95–672 Wy. N. Mex.
74. californicus Laf. 48–128 Cal. So. Cal.
annectens Lec. 52–97 [Ariz.
75. franciscanus Csy. 95–673 Cal.
(*Vacusus* Csy. 95–674)
76. vicinus Laf. 48–157 So. St. Fla.
fulvomicans Qued. 86–122
lætus Laf. 48–157
77. supplex Csy. 95–676 Ariz.
78. monitor Csy. 95–677 La. Tex.
79. confinis Lec. 51–153 Tex.-So. Cal.
80. nigritulus Lec. 51–154 Cal. [Ariz.
81. arcanus Csy. 95–679 Wash.
82. desertorum Csy. 95–680 Ariz.
83. prominens Csy. 95–680 Ariz.
84. formicetorum Wasm. 94–221 Colo.
85. suspectus Csy. 95–682 Colo.?
(*Euvacusus* Csy. 04–318)
86. coloradanus Csy. 04–319 Colo.
(*Omonadus* Muls. & Rey 66–104)
(*Hemantus* Csy. 95–682)
87. floralis (L.) 58–420 Cosmop. Ind. Ariz. Fla. Ct.
basillaris Say 24–279 Ind.

[1] Following Pic, in the absence of later authority, the subdivisions of *Anthicus* are treated as subgenera; but Casey has maintained their validity as genera, in which he is supported by Champion, who even suggests that more may be required, after correcting possible errors in the reversal of sexual characters.

Anthicus Payk.

8388. enodis Csy. 95–684 Cal.
89. scenicus Csy. 95–685 R. I.
90. rixator Csy. 95–686 Tex.-N. Mex.

(*Acanthinus* Laf. 48–136)
91. spinicollis Laf. 48–138 Brazil. Tex.
92. trifasciatus Fabr. 01–291 S. Thomas. Fla.

(*Anthicus* s. str.)
93. horridus Lec. 51–154 Ariz.-Mex.
94. rufulus Lec. 51–155 So. Cal.
95. cribratus Lec. 52–98 Cal. So. Cal.
96. hecate Csy. 95–693 Cal. So. Cal.
97. ephippium Laf. 48–163 Atl.-Colo.Ind.
difficilis Lec. 50–230 Fla. [Ariz.
confusus Lec. 52–99
98. simiolus Csy. 95–694 Vanc.
99. luteolus Lec. 51–154 So. Cal. Ariz.
8400. pinguescens Csy. 95–696 Cal. So. Cal.
01. flavicans Lec. 52–99 Ia. Wy. Mont.
02. scabriceps Lec. 50–230 L. Sup. Ind.
03. compositus Csy. 95–698 L.I. [Nfld.
04. nigritus Mann. 53–269 Alas.
05. ovicollis Csy. 95–699 So. Cal.
06. biguttulus Lec. 51–155 Cal.So.Cal. Ariz.
07. hastatus Csy. 95–701 Wy. Nev.
08. protectus Csy. 95–702 Cal.
09. solidus Csy. 95–703 Ariz.
10. subcalvus Csy. 95–703 S.W. Utah.
11. coracinus Lec. 52–103 L. Sup.
12. monticola Csy. 95–705 Wy.
13. cephalotes Csy. 95–705 Vanc.
14. punctulatus Lec. 51–155 Cal. So. Cal.
15. decrepitus Csy. 95–707 Or.
16. mercurialis Csy. 95–707 Cal.
17. cervinus Laf. 48–181 N.Y.Id.Tex.
bifasciatus || Say 27–245 [Ind. Conn.
bizonatus Laf. 48–274
terminalis Lec. 50–230
18. gilensis Csy. 95–709 Ariz.
19. præceps Csy. 95–709 Cal.
20. seminotatus Csy. 95–710 So. Cal.
21. caseyi Pic 96–31 N. Mex.
parallelus || Csy. 95–710
22. ancilla Csy. 95–711 Nev.
23. thomasi Pic 96–31 Ind.
sodalis || Csy. 95–712
24. heroicus Csy. 95–712 Ind.
25. haldemani Lec. 52–100 Pa. Ind.
4-guttatus || Hald. 46–304
26. stellatus Csy. 95–714 Wy.
27. auriger Csy. 95–714 Cal.
28. saucius Csy. 95–715 Ia.
29. vulneratus Csy. 95–715 So. Ariz.
30. junctus Csy. 95–716 N. Mex. Ariz.
31. decorellus Csy. 95–717 Tex.
32. nanus Lec. 51–156 So. Cal. Ariz.
33. vagans Csy. 95–718 Id. Mont. Wy.
34. peninsularis Csy. 95–719 L. Cal.
35. nympha Csy. 95–719 Tex.
36. obliquus Csy. 95–720 So. Cal.
37. innocens Csy. 95–721 Ariz.

Anthicus Payk.

8438. inscitus Csy. 95–721 Cal. Nev.
39. amœnus Csy. 95–722 Cal.
40. obscurellus Lec. 51–155 Cal. Or.
41. militaris Csy. 95–724 Cal. So. Cal.
42. bellulus Lec. 51–156 So. Cal.-Tex.
43. helvinus Csy. 95–725 Cal. [Ariz.
44. lutulentus Csy. 95–725 Tex.
45. agilis Csy. 95–726 Wy.
46. herifuga Csy. 95–726 Cal. So. Cal.
47. mundus Csy. 95–727 Wy.
48. melancholicus Laf. 48–174 Mass.N.C.Ind.
facilis Csy. 85–190 Pa. [L. Sup.
spretus Lec. 52–101
latebrans Lec. 52–101 Fla.
49. ictericus Laf. 48–149 Fla.
50. convexulus Csy. 95–729 S. C.
51. maritimus Lec. 51–156 So. Cal.
52. currax Champ. 90–246 Mex. Fla. Tex.
floridanus Csy. 04–320 Fla.
53. plectrinus Csy. 04–320 Colo.
— lecontei Champ. 90–246 Guat. Ariz.?
— lugubris Laf. 48–217 Mex. U.S.?
— squamosus Laf. 48–216 Mex. U.S.?
— impressipennis Laf. 48–300 Tex.
— exilis Laf. 48–121 U. S.
— pallidus Say 27–245 U. S.
— politus Say 27–246 U. S.
— cæsiosignatus Boh. 58–104 not U. S.
— troglodytes Boh. 58–105 not U. S.
— amplicollis Boh. 58–106 not U. S.
— nitidus Boh. 58–105 not U. S.
— atomarius Boh. 58–106 not U. S.

(*Sapintus* Csy. 95–732)
54. pubescens Laf. 48–177 R. I. N. Y. Ia.
55. rusticus Csy. 95–734 Ia. [Ind.
56. fulvipes Laf. 48–177 Fla. Tex. La.
57. colonus Csy. 95–736 Del. [Ind.
58. hispidulus Csy. 95–736 Tex.
59. pusillus Laf. 48–178 Fla. La.
60. corticalis Lec. 51–154 So. Cal.
61. festinans Csy. 95–739 Colo. Ia.
62. binominatus Pic 96–31 Mich.
mollis || Csy. 95–740
63. timidus Csy. 95–741 Fla.
— quadrilunulatus Laf. 48–201 Mex. Ariz. U. S.?
— ruficollis Saunders 34–65 N. Am.?
— thoracicus Laf. 48–158 U. S. Fla.?

Tanarthrus Lec. 51–156

8464. salinus Lec. 51–156 So. Cal.

(*Tanarthropsis* Csy. 95–751)
65. brevipennis Csy. 95–751 Ariz.
66. nubifer Csy. 95–752 Utah.
tricolor Csy. 95–753 Utah.
67. virginalis Wickh. 06–168 Utah.
68. mormon Wickh. 06–169 Utah.
69. inyo Wickh. 06–169 So. Cal.
70. salicola Lec. 75–174 Utah, Nev.
71. densus Csy. 95–754 Utah, Nev.
72. infernalis Wickh. 06–171 So. Cal.
73. alutaceus Lec. 51–155 So. Cal.

EUGLENIDÆ

(*Hylophilidæ*) (*Xylophilidæ*)

Leconte 78; Casey 95; Pic 10; Seidlitz 16

Elonus Csy. 95–774
8474. princeps Csy. 95–775 Can.
75. basalis (Lec.) 55–276 Va. Ill. Fla.
76. nebulosus (Lec.) 75–175 Pa. Ind. Fla.

Emelinus Csy. 95–177
8477. melsheimeri (Lec.) 55–275 Ill. Pa. Ind.
78. ashmeadi Csy. 95–178 Fla. [Fla.

Zonantes Csy. 95–179
8479. nubifer (Lec.) 78–425 Fla.
80. signatus (Hald.) 48–97 S.C. Fla.
81. subfasciatus (Lec.) 75–176 R.I.D.C.N.C.
82. hubbardi Csy. 95–782 D.C. [Ind.Fla.
83. schwarzi Csy. 95–783 Fla.
84. fasciatus (Melsh.) 46–55 Pa. Ind. Fla.
85. tricuspis Csy. 95–784 Ia.
86. ater (Lec.) 75–175 Tex. Fla.

Phomalus Csy. 95–785
8487. brunnipennis (Lec.) 75–176 D.C. Ind. So.
88. saginatus Csy. 95–787 Cal. [Cal.

Ariotus Csy. 95–788
8489. quercicola (Sz.) 78–371 Fla.
subtropicus Csy. 95–789 Fla.

Pseudariotus Csy. 95–790
8490. notatus (Lec.) 55–276 Ga. Mts.
a. amicus Csy. 95–791 Fla.

Vanonus Csy. 95–791
8491. calvescens Csy. 95–793 Wis.
92. piceus (Lec.) 55–276 Pa. N.Y. Wis.
93. tuberculifer (Horn) 92–279 Ont. [(Fla.?)
94. vigilans Csy. 95–795 N. Y.
95. fusciceps Csy. 05–163 N. Y.

Vanonus Csy.
8496. congener Csy. 05–163 Wis.
97. huronicus Csy. 95–796 Mich.
98. sagax Csy. 95–796 Fla.
floridanus Csy. 95–797 Fla.
99. brunnescens (Fall) 01–258 So. Cal.
8500. wickhami Csy. 95–797 Wis.

Tanilotes Csy. 95–798
8501. densus Csy. 85–187 Pa.
02. lacustris Csy. 95–799 Wis.

Scanylus Csy. 95–800
8503. pruinosus Csy. 95–801 Ariz.
caseyi Pic 96–52
8504. luteolus Csy. 95–801 Fla.

Ganascus Csy. 95–803
8505. ventricosus (Lec.) 75–176 N.C. (Fla.?)
06. opimus Csy. 95–805 Tex.
07. palliatus Csy. 95–806 Fla.

Sandytes Csy. 95–806
8508. ptinoides (Sz.) 78–371 Fla.

Axylophilus Csy. 95–808
8509. yuccæ Csy. 95–809 Fla.
(*?Xylophilus* Curtis 30–299)
(*?Adetus* Westw. 29–57)
(*?Euglenes* Westw. 29–59)
10. nucleus (Fall) 01–259 So. Cal.
11. constrictus (Fall) 01–259 So. Cal.

Cnopus Champ. 93–460
8512. impressus (Lec.) 75–175 Tex. Fla.

ELATEROIDEA

(*Sternoxia*)

CEROPHYTIDAE [1]

Hyslop 17

Cerophytum Latr. 09–375
(*Chorea* Hald. 46–150)
8513. convexicolle Lec. 66–388 Cal.

Cerophytum Latr.
8514. pulsator (Hald.) 46–150 Pa.

CEBRIONIDÆ

Leconte 53; Horn 81; Schenkling 11; Dalla Torre 12; Hyslop 17

Cebrio Oliv. 90–5
(*Anachilus* Lec. 63–86)
8515. mandibularis (Lec.) 63–86 Fla.
16. bicolor Fab. 01–14 S.&W.St.Fla.
confusus Lec. 53–504 Ga.
simplex Lec. 53–503 Ga.

Cebrio Oliv.
8517. compositus Fall 07–233 N. Mex.
18. antennatus Schfr. 16–107 Ark.
19. emarginatus Schfr. 16–108 N. Mex.
20. estriatus Horn 81–83 Tex.

[1] The arrangement of this and succeeding families of Elateroidea (= Sternoxia) with the exception of the Rhipiceridæ follows the larval studies of Mr. Hyslop, who has read the mss.

Scaptolenus Lec. 53–504
8521. lecontei (Sallé) Chev. 74–510 Tex.
femoralis‡ Lec. 53–504
22. estriatus Lec. 75–55 Tex.

Scaptolenus Lec.
8523. ocreatus Horn 81–85 Tex.
— californicus Chev. 74–524 Mex. Cal.?
— gehini Chev. 74–523 Mex. Tex.?

PLASTOCERIDÆ

Leconte 53; Horn 81; O. Schwarz 07; Fall 10

Euthysanius Lec. 53–502
8524. lautus Lec. 53–503 So. Cal. Ariz.
25. pretiosus Lec. 66–86 So. Cal.

Octinodes Cand. 63–487
(*Plastocerus*‡ auct. nec Schaum)
8526. schaumi (Lec.) 53–502 So. Cal.
27. frater (Lec.) 59–703
macer (Horn) 81–79
28. granti (Schfr.) 16–266 Tex.
29. megalops (Fall) 10–138 So. Cal.

Eniconyx Horn 85–51
8530. gracilis Horn 85–51 N. Mex.
31. pullatus Horn 85–51 Ariz.

Aplastus Lec. 59–73
(*Anamesus* Lec. 66–73)
8532. angusticollis Horn 74–25 Cal. So. Cal.

Aplastus Lec.
8533. tenuiformis Horn 74–25 Cal.
34. corymbitoides Horn 74–25 Cal. So. Cal. Ariz.
35. speratus Lec. 59–73 Cal. So. Cal.
36. optatus Lec. 61–349 Cal.
37. convexicollis (Lec.) ♀ 66–393 Cal.
38. molestus Horn 74–27 Cal. So. Cal.

Euplastius O. Schwarz 03–60
8539. athoiformis O. Schw. 03–61 Ala.
40. athoides O. Schw. 03–62 Cal.

Aphricus Lec. 53–501
8541. californicus Lec. 53–501 So. Cal.
42. luteipennis Fall 07–232 N. Mex.

RHIPICERIDÆ

Haldeman 53; Horn 81

Zenoa Say 35–152
8543. picea (Beauv.) 05–7 Fla.
brunnea Say 35–152 Ind.
vulnerata Lec. 47–89

Sandalus Knoch 01–131
8544. petrophya Knoch 01–131 Pa.-Ill. Ind.
fulvus ♀ Cast. 34–236 [Fla.
proserpina Newn. 39–383
brevicollis ♀ Melsh. 44–220
45. porosus Lec. 68–52 Tex. N. Mex. Fla.

Sandalus Knoch
8546. niger Knoch 01–140 M. St.-Tex.
rufipennis Latr. 29–461 [Ind.
rubidus ♀ Melsh. 44–220
knochi Guér. 29–4
scabricollis ♀ Hald. 53–363
47. californicus Lec. 61–349 Cal. Nev. So. Cal.

Vesperoctenus Bates 91–159[1]
8548. flohri Bates 91–160 Mex. L. Cal.

ELATERIDÆ

Leconte 1853; Candèze 1857–63; Otto Schwarz 1906–07

PYROPHORINÆ

PYROPHORINI

Agrypnina

Agrypnus Esch. 29–32
8549. sallei Lec. 53–491 La. Tex. Fla.
50. schotti Lec. 53–491 Tex.
51. arizonæ Cand. 96–5 Ariz.

Adelocera Latr. 29–401
8552. sparsa Cand. 65–6 Cal. So. Cal.
53. aurorata (Say) 39–181 N. H.
54. impressicollis (Say) 25–260 M. W. St. Ind.
lepturus (Say) 39–182
senilis Germ. 40–259
55. rorulenta Lec. 59–283 Wash.

Adelocera Latr.
8556. pyrsolepis Lec. 66–389 N. Mex.
57. brevicornis Lec. 53–491 L. Sup. Nev. Wis.
58. obtecta (Say) 39–181 N. C. Me. Vt.
59. profusa Cand. 57–54 Or. [Ind.
vetusta Walk. 66–324 Vanc.
60. marmorata (Fab.) 90–227 So. St. Ind. Fla. Conn.
61. discoidea (Web.) 01–77 M. & S. St. Ind.
cruenta (Oliv.) 95–42 [Conn.
pennata (Fab.) 01–239 M. S. St.
ornaticollis Cast. 37–248 N. Am.

[1] *Vesperoctenus* is placed in Lepturini by some authorities, but apparently without good reasons.

Adelocera Latr.
8562. avita (Say) 39–182 Wis. O. Ind. Fla.
63. modesta Boisd. 32–108 W. I. U. S.
maculata Lec. 66–389 Pa. D. C.

Lacon Cast. 36–11
8564. rectangularis (Say) 25–263 Mo. Ind. Fla.
65. curtus (Lec.) 53–491 Ga. Fla.
mucoreus (Lec.) 53–491 Ga.
66. illimis Horn 94–366 Cal.

Meristhus Cand. 57–162
8567. cristatus Horn 71–299 Tex. So. Cal.
68. scobinula Cand. 57–164 Tex. Mex.
texanus Horn 71–299
setarius Chev. 67–

Hemirhipina
Hyslop 1918

Alaus Esch. 29–33
(*Calais* Cast. 36–9)
8569. lusciosus Hope 32–363 Mex.
gorgops Lec. 58–35 Kan. Tex.
70. zunianus Csy. 93–584 Ariz.
71. oculatus (L.) 56–651 Ind. Atl. St.-Tex. Fla.
luscus (Fab.) 75–284 Tex.
72. myops (Fab.) 91–222 Ind. M. & So. St. Fla.
73. canadensis Cand. 89–11 Can. Vt.
74. melanops Lec. 66–83 Cal. So. Cal.
naja Cand. 68–18
75. patricius (Cand.) 57–242 Cuba, Fla.
luscus‡ Oliv.

Hemirhipus Latr. 29–402
8576. fascicularis (Fab.) 87–171 Md.-Fla. Mex.
venosus Cast. 35–234 N. C. Tex.

Chalcolepidina
Fall 1898; Casey 1907; Hyslop 1918

Chalcolepidius Esch. 29–33
8577. webbi Lec. 54–223 Ariz. So. Cal.
substriatus O. Schw. 06–97 Ariz.
a. snowi Csy. 07–31 Ariz.
idoneus Csy. 07–31 Ariz.
arizonicus Csy. 07–31 Ariz.
abdominalis Csy. 07–32 Ariz.
78. simulans Csy. 07–32 Ariz.
79. acuminatus Csy. 07–32 Ariz.
80. apacheanus Csy. 91–16 Ariz.
81. nobilis Csy. 07–32 Ariz.
82. tartarus Fall 98–238 Ariz. So. Cal.
parallelus O. Schw. 06–98 Ariz.
83. rubripennis Lec. 61–336 L. Cal.
84. viridipilis (Say) 25–257 Pa. O. So. St. Tex.
prasinus Er. 41–85
85. debilis Csy. 07–34 N.C. D.C.
86. rectus Csy. 07–34 Ariz.
87. smaragdinus Lec. 54–223 So. Cal. Ariz.
88. ostentus Csy. 07–34 Ariz.
89. behrensi Cand. 86–70 Mex. Ariz.
aurulentus Cand. 74–163 So. Cal.

Oistus Cand. 57–338
8590. edmonstoni Hyslop 18–127 Or.

Pyrophorina
Hyslop 1918

Pyrophorus Ill. 09–141
8591. texanus Hyslop 18–9 Tex. Ariz.
92. arizonicus Hyslop 18–8 Ariz. N. Mex.
93. physoderus Germ. 42–36 Ala. Fla.
94. atlanticus Hyslop 18–8 Fla.

Monocrepidina
Hyslop 1918

Monocrepidius Esch. 29–31
(*Conoderus* Esch. 29–31)
(*Oophorus*‡ Melsh. 44–214)
8595. xysticus Cand. 59–225 Tex.
96. lividus (DeG.) 74–162 Ind. W. I. So.
castaneus (Oliv.) 90–30 [St. Fla. Ariz.
castanipes‡ (Hbst.) 06–23
lobatus (Say) 23–175
97. aversus Lec. 53–482 Ga.
98. parallelus Cand. 59–246 Mex. Ariz.
99. suturalis Lec. 53–482 Ala. Ind.
8600. lepidus Lec. 53–485 Ga.
01. vespertinus (Fab.) 01–240 Ind. Mex. M. S. St. Ct. Ariz. Fla.
finitimus (Say) 39–179 S. C.
serotinus Germ. 39–227
a. ?texanus Cand. 59–262 Tex.
peninsularis Cand. 89–26 Fla.
02. scissus Schfr. 09–378 Ga.
03. debilis (Lec.) 78–405 Fla.
04. athoides Lec. 66–84 Tex. Ariz.
05. mutuus Horn 71–312 Ariz.
06. robustus Horn 71–311 Ariz.
07. auritus (Hbst.) 06–145 Ind. N. Y. Ga.
crassicollis (Melsh.) 44–214 [L. Sup. Ct.
dilectus (Say) i. litt.
08. caseyi Leng 18–206
finitimus || Csy. 84–170 N. J.
09. bellus (Say) 25–168 Ind.M.&W.St.
variegatus Steinh. 75–123 [Conn.
10. similis Schffr. 09–436
texanus || Schffr. 09–379 Tex.
11. blandulus Lec. 53–483 Ga.
puberulus Mann. 43–240 Cal.
varians Steinh. 75–121 Ala.

Heteroderes Latr. 34–155
8612. sordidus (Lec.) 53–482 N. Mex. Ariz.
lantus Cand. 89–31

Aeolus Esch. 29–33
8613. amabilis (Lec.) 53–485 Md. O. Tex. Ind. Ariz. M. & So. St.
— elegans (Fab.) 92–230 W.I. U.S.?
— circumscriptus (Germ.) 24–46 Mex. U.S.?
(*Drasterius*‡ auct. nec Esch.)
14. dorsalis (Say) 23–167
elegans‡ auct. nec Fab. Ind. Ariz.
15. comis (Lec.) 53–484 Cal.
marginicollis (Horn) 71–308
variegatus (Boh.) 58–69
16. livens (Lec.) 53–484 Ariz. So. Cal.

PITYOBIINI

Pityobius Lec. 53–428
8617. anguinus Lec. 53–428 N.H. Can. So. St. Fla.

Pityobius Lec.
billingsi Bland 64–69 Can.
8618. murrayi Lec. 61–347 Cal.

LEPTUROIDINI

Athouina
Limonius Esch. 29–33
(*Gambrinus* Lec. 53–435)
8619. auripilis (Say) 23–172 Ind. Ark. Fla. S. & W. St.
publicollis Lec. 53–429 Ga.
auricollis‡ O. Schw. 06
20. fulvipilis Cand. 60–383 Cal.
21. mirus Lec. 53–429 So. Cal.
ulkei Horn 71–314 Cal.
22. crotchi Horn 72–148 Or. So. Cal.
23. discoideus Lec. 61–348 Colo. Cal.
24. aurifer Lec. 53–429 Vt. Ill. Ind.
25. propexus Cand. 60–386 La.
?griseus Beauv. 05–214 Conn. Ind.
?cylindriformis‡ (Say) 23–176 E. U. S.
?hirticollis Melsh. 46–215
26. interstitialis (Melsh.) 46–215 Pa. Ind.
27. confusus Lec. 53–430 L. Sup. N. Y.
28. aenescens Lec. 53–431 N.J. [Ind.
29. plebejus (Say) 25–263 M.& S. St. Ind.
metallescens Melsh. 46–158
30. infuscatus Mots. 59–371 So. Cal.
31. aeger Lec. 53–431 L. Sup.
32. pectoralis Lec. 66–391 Cal.
33. quercinus (Say) 25–262 U. S. Ind. Fla.
34. maculicollis Mots. 59–372 Cal.
discicollis Cand. 65–49
35. basillaris (Say) 23–172 Mo. E. U.S. Ind. Fla.
semiaeneus Lec. 53–432 Ga. Fla.
36. nitidulus Horn 71–315 Or.
37. sinuifrons Fall 07–227 N. Mex.
38. vernalis Fall 10–129 So. Cal.
?angulatus Mots. 59–370 Cal.
?flavipes Fab. 01–234
?subcostatus Mots. 59–370 Cal.
?clypeatus Mots. 59–369 Nov. Helv.
?mandibularis Mots. 59–370 Cal.

Nothodes Lec. 61–171
8639. dubitans (Lec.) 53–433 N.Y Pa. Ind.

Pheletes Kies. 58–328
(*Limonius* pars auct.)
(*Gambrinus* pars Lec. 53–435)
8640. stigma (Hbst.) 06–86 Ct.
armus (Say) 39–171 Ga.
41. venablesi Wickh. 13–27 B.C. Wash.
42. quadrimaculatus (Horn) 71–313 Or.
43. ornatulus (Lec.) 57–46 Cal. So. Cal.
a. humeralis (Cand.) 60–402
44. occidentalis (Cand.) 60–411 Or. So. Cal.
45. subauratus (Lec.) 53–432 Or.
46. consimilis (Walk.) 66–325 Vanc.
nitidicollis (Lec.) 69–378 Vanc.
47. californicus (Mann.) 43–238 Cal. So. Cal.
48. canus (Lec.) 53–433 So. Cal.
49. anceps (Lec.) 53–433 Pa. O. W. N.Y.

Pheletes Kies.
8650. cetypus (Say) 39–167 Pa. Me.
agonus (Say) 39–171 Pa.
51. pilosulus Cand. 91–149
— pilosus || (Lec.) 53–432 So. Cal.
52. ornatipennis (Lec.) 66–84 Pa. Ind.
53. definitus (Zieg.) 44–268 S.C.M.&So.St.
54. nimbatus (Say) 25–255 N.Y. Conn.
infernus (Lec.) 53–434 Pa. N. Y.
55. hispidus (Lec.) 53–432 Cal.

Leptoschema Horn 85–50
(*Elathous* Reit. 90–247)
8656. protractum (Horn) 71–317 Cal.
57. bicolor (Lec.) 53–428 N.Y. Ind.
58. discalceatum (Say) 39–169 N.H. Pa. Ind.
59. oberndorferi O. Schw. 03–207 N.Y.

Athous Esch. 29–33
(*Pedetes* Kby. 37–145)
(*Crepidophorus* Muls. 54–189)
8660. rufiventris Esch. 22–71 Alas.
*
61. trivittatus Melsh. 46–157 Pa.
62. brightwelli (Kby.) 37–146 M.& So.St.Ct.
oblongicollis Melsh. 46–155 [Ind.
arcticollis Melsh. 46–156
63. acanthus (Say) 39–178 N.J. Ind. Ct.
a. flavangularis Horn 71–317 Vt.
b. maculicollis Lec. 66–85 Can.
64. ferruginosus Esch. 29–33 Cal.
65. opilinus Cand. 60–435 O.
66. excavatus Mots. 59–467 Alas. So. Cal. Fla.
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67. cucullatus (Say) 25–164 Pa. Md. O. Ct. Ind. Ariz. ?
hypoleucus Melsh. 46–155 Pa.
procericollis Melsh. 46–156 Md.
strigatus Melsh. 46–154 ♀ Md.
68. scapularis (Say) 39–178 N.H. Ind.
69. equestris (Lec.) 53–426 Ga.
70. postieus (Melsh.) 46–158 Pa.
71. fossularis (Lec.) 53–426 N. J.
* * *
72. axillaris Horn 71–316 Cal.
73. limbatus Lec. 68–391 Cal. So. Cal.
simplex Lec. 76–516 Colo.
seissus Lec. 57–46 Or. Ariz.
74. ingens Fall 10–131 Cal.
75. coquerelli Reitt. 08–36 N.M.
jejunus || Fall 07–231 N. Mex.
76. rufifrons Rand. 38–6 Me. Nfld.
reflexus Lec. 53–426 M. St.
77. vittiger Lec. 53–427 Or.
78. exclamationis O. Schw. 03–58 Ala.
79. lengi Dury 11–275 N. C. Ga.

80. cribratus Lec. 76–516 Colo.
81. rufotestaceus Fall 07–231 N. Mex.
82. nigripilis Mots. 59–368 Cal. Ariz.
83. nugalis Fall 07–228 So. Cal.

Athous Esch.

8684. rectithorax Reitt. 08–36 N. Mex.
recticollis || Fall 07–228 Cal.
85. speculifer Fall 07–229 Wash.
86. orophilus Har. 69–1567
montanus || Lec. 66–405 Mont.
87. triundulatus Mann. 53–222 Alas.
88. affinis Couper 65–61 Que.
89. falli Reitt. 08–35 N. Mex.
quadricollis || Fall 07–229 Cal.
90. palpalis Fall 07–229 Or. Cal.
91. discrepans Reitt. 08–36 N. Mex.
discors || Fall 07–230 So. Cal.
92. agriotoides Fall 07–230 So. Cal.
93. imitans Fall 10–131 Cal.
94. aterrimus Fall 10–130 No. Cal.
95. undulatus DeG. 74–155 H.B.T.? Eur.
96. pallidipennis Mann. 43–244 Alas. [Sib.
97. quadrivittatus Walk. 66–325
Vanc.
undatus Gmel. ed. Linn. 88–1915

Lepturoidina

Lepturoides Herbst 84–103
(*Campylus* Fisch. 23–453)

8698. productus (Rand.) 38–8 Me. L. Sup.
99. denticornis (Kby.) 37–145 Man. L. Sup.
flavinasus (Melsh.) 46–219
Me. Pa. Nfld.
8700. fulvus Mots. 59–386 Cal.? Alas. H.
?variabilis Esch. 29–33 Sib. [B. T.

Diadochus Buysson 95–406
— antigai Buys. 95–407 Eur.[1]

Bladus Lec. 61–161
8702. quadricollis (Say) 39–186 Ind. O.

Ludiina

Perissarthron Hyslop 18–1
8703. trapezium (Lec.) 66–392 Tex.
trapezicollis (O. Schw.) 03–60

Ludius Esch. 29–34
(*Corymbites* Latr. 34–150)
(*Ctenicera* Latr. 29–403)

8704. kendalli (Kby.) 37–143 L. Sup. H.B.T. Man.
anchorago (Rand.) 38–5 Me.N.H.Mich.
05. virens (Schrank) 81–317 Eur. & N. Am.
aeneicollis Oliv. 92–264 [Nfld.
virescens (L.) ed. Gmel. 88–1906
06. vernalis (Hentz) 27–374 Ind.Can.M.S. W. St.

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07. resplendens (Esch.) 29–34 Can. Nfld.
aerarius (Rand.) 38–7 L.Sup. Me.
racinei (Chev.) 52–578 Nfld.
a. viridis (Say) 25–255
08. sjaelandicus (Müller) 64–21 Eur. & Sib. N.Am.
nubilus (Schrank) 86–46 N. Eng. N. Y. Can.
tesselatus (Fab.) 92–211 Mich. N. J.
micans (Germ.) 43–62 N.Y.& N.Eng.
cuprascens (Lec.) 53–44 N. Y.
a. assimilis (Gyll.) 08–394
09. atropurpureus (Melsh.) 46–215 Pa.

Ludius Esch.

8710. fusculus (Lec.) 63–48
angustulus || Mots. 53–375 Nov. Helv.
11. jaculus (Lec.) 53–447 So. Cal.
12. cribrosus (Lec.) 53–443 Cal.
subcanaliculatus (Mots.) 53–375
13. obscurus (Lec.) 53–442 Cal.
14. protractus (Lec.) 59–85 Or.
15. pyrrhos (Hbst.) 06–30 M. S. & W. St. Ind. Conn.
vagans (Melsh.) 46–153 Ala.
æqualis (Melsh.) 46–153 ♀
pyrrhicus (Hald.) 43–313 ♀ Ala.
16. jouteli (Dow.) 13–77 No. Cal.
17. bivittatus (Melsh.) 46–219 M. S. W. St. Ind.
18. horni O. Schw. 07–316
longicornis || (Horn) 70–79 N. C.
19. linearis (Fall) 10–132 Cal.
20. macer (Fall) 10–133 Cal.
21. cylindriformis (Hbst.) 06–93 M. St. Ind. Ct.
appressifrons (Say) 25–267 ♂
brevicornis (Say) 25–265 ♀
parallelipipedus (Germ.) 43–66 ♀
submetallicus (Germ.) 43–72 ♀
22. copei (Horn) 71–319 Va. O.
23. teres (Lec.) 66–392 Cal.
24. furtivus (Lec.) 53–442 Or.
25. limoniiformis (Horn) 71–320 Dak.
26. floridanus (Cand.) 89–51 Fla.
27. fulvipes (Bland) 64–354 Va.
28. signaticollis (Melsh.) 46–216 M.&So.St.Ind.
29. appressus (Rand.) 38–11 Me.
mirificus (Lec.) 50–228 L. Sup.
30. volitans (Esch.) 29–34 N. Am.
31. vulneratus (Lec.) 66–86 Can.
32. umbricola (Esch.) 29–34 Alas. Vanc.
33. caricinus (Germ.) 43–63 Cal.
lobatus (Mann.) 43–243
telum (Lec.) 53–445 Or.
rudis (Mots.) 59–377 Alas.
34. elongaticollis (Ham.) 93–305 Can. Pa.
35. truculentus (Cand.) 89–50 (non Csy.) Cal.
36. xanthomus (Horn) 71–319 Cal.
37. moerens (Lec.) 66–392 Or.
38. tarsalis (Melsh.) 46–157 Nfld.Md.Mass. Ind.
39. spinosus (Lec.) 53–447 L. Sup. Can. Lab. Nfld.
40. rufipennis (Fall) 10–134 Cal.
41. insidiosus (Lec.) (53–)447 L. Sup. Can.
42. lutescens (Fall) 10–134 Alb. B. C.
43. angularis (Lec.) 53–449 Or. B. C.
44. mendax (Lec.) 53–448 L. Sup. Can.
45. falsificus (Lec.) 53–448 ?
46. umbripennis (Lec.) 57–46 Or.
a. gracilior (Lec.) 63–49
nubilipennis || (Lec.) 53–441 Or.
47. opaculus (Lec.) 66–392 Or.

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48. sulcicollis (Say) 39–168 M. So. St. Ind.
parallelus || (Say) 25–256 [Conn.
49. nigricans (Fall) 10–135 Cal.

[1] The number 8701 is omitted because the species to which it was assigned does not occur in U.S.

Ludius Esch.

8750. rupestris (Germ.) 43–66 Or.
51. morulus (Lec.) 66–85 Can.
brunnipes (Bland) 64–67
52. monticola (Horn) 71–319 Cal.
gracilis (Cand.) 89–51
53. sagitticollis (Esch.) 29–34 Alas.
54. angusticollis (Mann.) 43–271 Alas.
55. fraternus (Lec.) 69–379 Vanc.
56. ochreipennis (Lec.) 66–85 Cal.
57. trivittatus (Lec.) 53–443 So. St.
58. colossus (Lec.) 61–348 Cal.
59. maurus (Lec.) 53–444 Or. So. Cal.
60. anthrax (Lec.) 61–343 Cal.
61. æthiops (Hbst.) 06–70 M.St. Ind. Ct.
nigrans (Cast.) 35–241
laevigatus (Hbst.) 06–45
62. hamatus (Say) 39–170 N. J. Ind.
63. propola (Lec.) 53–437 L. Sup. N. Y.
furcifer (Lec.) 53–438 L. Sup.
nubilus (Lec.) 53–438 Cal.
64. nigricollis (Bland) 64–68 Colo.
65. exclamationis (Fall) 10–135 Cal.
66. triundulatus (Rand.) 38–12 Me. L. Sup.
nebraskensis (Bland) 64–355
undulatus‡ auct.
67. tigrinus (Fall) 01–306 Cal.
68. planulus (Lec.) 78–460 Colo. N. Mex.
69. medianus (Germ.) 43–71 Man.
rubidipennis (Lec.) 53–437 L. Sup.
70. acutipennis (Germ.) 43–70 Mich.
71. fallax (Say) 39–170 L. Sup. Can.
bombycinus (Germ.) 70–43 [N. H. So. Cal.
semiluteus (Lec.) 53–445 Cal.
72. mirabilis (Fall) 01–306 Cal.
73. candezei Leng 18–205
elegans || (Cand.) 82–97 Cal.

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74. leucaspis (Germ.) 43–73 Or. So. Cal.
75. elegans (Kby.) 37–150
appropinquans (Rand.) 38–5 Me.
tinctus (Lec.) 59–85 Or.
76. splendens (Zieg.) 44–44 Pa. L. Sup.
77. æreipennis (Kby.) 37–150 L. Sup. [Man.
78. nigricornis (Panz.) 99–5 Eur. Sib. N. Am.
metallicus (Payk.) 03–19 H. B. T. Colo. Mass.
nitidulus (Lec.) 53–438 L. Sup.
79. aratus (Lec.) 53–439 L. Sup. Nfld.
80. inflatus (Say) 25–258 ♂ S. & W. St. Pa. Ind. Ct.
simillimus (Mots.) 59–374
81. crassus (Lec.) 53–440 ♀ Ky. Pa.
82. glaucus (Germ.) 43–76[1] Or. Cal.
83. carbo (Lec.) 53–439 Or.
lateralis (Lec.) 53–439 Or.
84. breweri (Horn) 71–321 Cal.
85. pruininus (Horn) 71–320 Neb. Cal. So.-
pruinosulus O. Schw. 07–316 [Cal.
86. obversus (Horn) 71–322 Cal.
87. conjungens (Lec.) 53–440 Cal.
88. noxius (Hyslop) 14–69 Wash.
89. praeses (Horn) 71–321 Mont.
90. lecontei (Cand.) 81–94 Cal.

Ludius Esch.

8791. rotundicollis (Say) 25–259 Vt. Pa. Ind.
diversicolor (Esch.) 29–34 Cal.
russicollis (Germ.) 43–74
a. sticticus (Germ.) 43–74
92. urostigma (Cand.) 89–50 Cal.
93. cruciatus (L.) 58–404 Eur. & N. Am.
pulcher (Lec.) 53–440 N. H. Vt. Can.
a. festivus (Lec.) 57–16 Or. Wash.
b. edwardsi (Horn) 71–324 ? [Vanc.
94. suckleyi (Lec.) 57–46 Or.
95. semivittatus (Say) 23–174 Or. Vanc.
tristis (Cand.) 63–172 Japan.
96. hieroglyphicus(Say) 39–172 L. Sup. O. Me. Ind.
?
97. divaricatus (Lec.) 53–446 Ga. N. C. Ind.
98. polygenus (Fall) 10–136 Cal.
99. weidti Angell 92–84 B. C.
8800. scriceus Gebl. 30–83 Alas.? Sib.
01. confluens Gebl. 30–3 Alas.?Eur.Sib.
?rugosus Germ. 17–18 Alps.
— spectabilis Mann. 52–328 Alas.
— serricornis || Mann. 43–241 Cal.
— oblongoguttatus Mots. 59–373 Cal.
— rufipes || Mots. 59–377 Alas.
— semimetallicus (Walk.) 66–325 Vanc.

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(*Paranomus* Kies. 63–303)
(*Eanus* Lec. 62–171)
8802. costalis (Payk.) 00–37 Eur. & Sib. N. Am. Lab.
parvicollis (Mann.) 53–229 Lapland.
vagus (Lec.) 53–434 Can. L. Sup. N. H.
pictus (Cand.) 63–177 Can. Lab.
maculipennis (Lec.) 66–85 Lab.
03. estriatus (Lec.) 53–434 Can. L. Sup.
04. decoratus (Mann.) 53–434 Can. [Lab.

Hemicrepidius Germ. 39–212
(*Asaphes* Kby. 37–146)
8805. carbonatus Lec. 60–320 Mex. Or. Ariz.
coracinus Cand. 63–214
06. hirtus Cand. 68–54 Cal.
07. morio (Lec.) 53–450 Or. Cal. So. Cal.
verna Cand. 63–212
08. dilaticollis Mots. 59–368 Cal. So. Cal.
09. tumescens Lec. 61–348 Cal So. Cal.
10. oregonus Lec. 61–348
11. soccifer Lec. 76–516 N. Mex.
12. indistinctus (Lec.) 53–451 Ga. O.
13. decoloratus (Say) 39–180 E. St. M. & W.
hemipodus (Say) 25–254 ♀ Md. [St.
corporosus (Germ.) 43–72
aereus (Melsh.) 46–156 ♀ M. & S. St.
aencolus (Melsh.) 46–156
14. memnonius (Hbst.) 06–29 ♂ Ind. E. St. Me.
nemmonius Hbst. err. typ. [O. Pa. Fla.
baridius Say 39–176 Me.-Ga. [Ala.
thomasi (Germ.) 43–213
ruficornis (Kby.) 37–146
15. brevicollis Cand. 63–212 Ind. Man.

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16. lecontei Cand. 89–52 Cal.
17. bilobatus (Say) 39–174 Ind. E. St. Wis.

[1] This has been placed as a variety of *crassus*, which in turn has been considered the female of *divaricatus*. In view of the difference in localities given, it seems best to number both names.

Hemicrepidius Germ.
melanophthalmus (Melsh.) 46–154 ♀ M. St.
cavifrons (Melsh.) 46–154 ♂ Pa. Ga.
tener (Lec.) 53–452 ♀ N. Y.

Hemicrepidius Germ.
consentaneus (Lec.) 53–452 ♀ N. Y.
planatus (Lec.) 53–453 ♀ N. J.

HYPNOIDINI

Cryptohypnus Esch. 36–105
8818. hyperboreus (Gyll.) 27–350 Arc.Eur.&Am.
planatus (Esch.) 29–34 [Alas.
19. quadripustulatus (Fab.) 92–236 Eur. & Am.
agricola Zett. 34–155
quadrum (Gyll.) 27–457
20. pulchellus (L.) 58–656 Eur. & Am.?
21. exiguus Rand. 38–35 N. Eng.-D. C. Ind.
guttulatus Melsh. 45–214 Nec Lec.
pulchellus ‡ (Lec.) 53–487 Mass. N. Y.
22. littoralis (Esch.) 29–34 Alas. Sib.
23. grandicollis Lec. 66–83 Can. Or.
24. sanborni Horn 71–303 N. H. Lab.
25. barbatus Sahlb. 85–30 Alas. & Sib.
26. abbreviatus (Say) 23–173 N.S.-Alas.Ind. Nfld. Ct.
silaceipes (Germ.) 44–139 No. St.
lacustris (Lec.) 53–486 L. Sup.
27. impressicollis Mann. 53–225 Colo.-Alas.
28. nocturnus (Esch.) 29–33 Arc. Am. Nfld. Sib.
a. lucidulus Mann. 53–227 Alas.-N. H.
vestitus Mann. 53–227
fallax Mann. 53–226
b. bicolor (Esch.) 29–33 Alas.-Lab.
limbatus Mann. 52–327
scarificatus Mann. 53–326
picescens Lec. 53–486 L. Sup. Colo. N. Mex.
?riparius ‡ Cand. nec Fab. Arc. Am.
29. squalidus (Lec.) 53–487 Cal. So. Cal.
30. funebris Cand. 60–62 Cal. Nev.
31. lecontei Leng 18–205
planatus || Lec. 66–84 Can.-Pa. N.H.

Hypnoidus Steph. 30–200
8832. striatulus (Lec.) 53–488 Cal. O. Pa. L. Sup. Ind. So. Cal.

Hypnoidus Steph.
8833. delumbis Horn 91–14 Mass.
34. choris (Say) 39–172 Ind.-D. C.
35. ornatus (Lec.) 53–487 So. Cal.-Or.
a. colon Horn 71–305
b. moereus Horn 91–17
36. cucullatus Horn 91–17 Okla.Ut.Ariz.
37. melsheimeri Horn 91–19 D.C. Ill. Ind.
guttulatus‡ (Lec.) 53–487 Pa.
guttatulus err. typ.
38. caurinus Horn 91–20 Wash.
39. dispersus Horn 91–20 Nev. Wash.
40. gradarius Horn 91–21 So. Cal.
41. tumescens (Lec.) 53–487 L.Sup.N.Mex. N. H. Man.
42. musculus (Esch.) 22–72 Alas.
43. dubius Horn 71–305 Neb. Dak.
44. æstivus Horn 71–304 Mo. Ind.
45. perplexus Horn 71–304 D. C. Ind.
quadripustulatus‡ Lec. 66–389
46. gentilis Lec. 66–389 Neb.-Wash.
*
47. restrictulus Mann. 53–228 Alas. N. H.
musculus‡ Cand. 60–64
48. obliquatulus (Melsh.) 48–214 N.Eng.Va.Ia. Pa. Ind.
49. pectoralis (Say) 39–173 Mass.Tex.Cal. M.St. L.Sup. Ind. So.Cal. Ariz.
a. futilis (Lec.) 53–488 So.Cal. Ariz.
b. inops (Lec.) 53–488 So.Cal. Wash. Ariz.

Oedostethus Lec. 53–489 Ind. Mo. N.J.
8850. femoralis Lec. 53–489 Can.-Colo.

Anthracopteryx Horn 91–30
8851. hiemalis Horn 91–31 Colo.

MELANACTINI

Melanactes Lec. 53–493
8852. procerus Lec. 53–493 S. C.?
53. piceus (DeG.) 75–162 M.S.W.St. Ct. [Ind.
femoralis (Melsh.) 44–216
laevigatus (Fab.) 98–138
morio (Say) 39–165
54. densus Lec. 53–494 Cal. So.Cal.

Melanactes Lec.
schaumi Cand. 68–14
8855. morio (Fab.) 98–138 M.& S.St. Ind. [Ct.
lacunosus (Fab.) 01–224
56. puncticollis (Lec.) 52–68 Mo. Ind.
57. consors Lec. 53–495 Neb. Ind.
58. reichei (Germ.) 43–85 Ga.

OESTODINI

Oestodes Lec. 53–424
8859. tenuicollis (Rand.) 38–17 Me. Vt. Mass.
a. graciliformis (Rand.) 38–17 Vt. [Ct.

Oestodes Lec.
8860. puncticollis Horn 74–24 Dak.

ELATERINÆ

STEATODERINI

Steatoderina

Parallelostethus O. Schw. 06–258
8861. attenuatus (Say) 25–257 M.S.& W. St. Ind. Man. Ct.
fuscus Cast. 37–240 Atl.-Tex.

Diplostethus O. Schw. 06–258
8862. peninsularis (Champ.) 95–506 L. Cal.
63. opacicollis Schfr. 16–260 Ariz.

Crigmus Lec. 53–453
(*Trichophorus* || Muls. & God. 54–181)
(*Ludius* ‡ auct.)
8864. ater Cand. 65–55 So. Cal.
65. lecontei Horn 71–313 So. Cal.
66. abruptus (Say) 25–253 Ct. M.S.& W.
coracinus (Germ.) 43–47 [St. Ind.
67. pinguis Horn 85–47 Or.
68. texanus Lec. 53–454 Ariz. Tex.-L. Cal. (Fla.?)
69. carolinensis Schfr. 16–261 N.C. S.C. Fla.
hepaticus‡ Lec. 53–453 Fla. Ga. Tex.
70. substriatus Schfr. 16–261 Ariz. [Ariz.
71. arizonensis Schfr. 16–262 Ariz.
72. variatus Schfr. 16–262 Tex.

Orthostethus Lec. 57–217
(*Aphanobius* ‡ Lec.)
8873. infuscatus (Germ.) 44–183 So.St. Ind. Fla.
sordidus (Melsh.) 46–216 Ala.
præfectus (Cand.) 63–315 Brazil.
— hepaticus (Germ.) 24–43 Brazil & N. Am.? Fla.
74. caviceps Schfr. 16–263 Ariz.

Oxygonus Lec. 63–48
8875. obesus (Say) 23–168 Mo. Ct. Ind.
acutipennis (Rand.) 38–36 [Man.
76. montanus Schfr. 17–43 N. Y.
77. ater Horn 71–318 Cal.

Dolopius Esch. 29–34
8878. lateralis Esch. 29–34 Nfld. Ind. Ct.
californicus Mann. 43–243 Ariz. So. Cal.
pauper Lec. 53–458 Atl. St.
macer Lec. 57–47 Or.
simplex Mots. 59–378 Cal.
a. sellatus Mann. 52–328
b. subustus Lec. 53–458 Cal.
79. theveneti Horn 72–148 Cal.

Sericosomina

Sericus Esch. 29–34
(*Sericosomus* Steph. 39–175)
(*Atractopterus* Lec. 53–454)
8880. fusiformis (Lec.) 53–454 Can. L. Sup.
81. viridanus (Say) 25–250 Pa. Ct.
sublucens (Rand.) 38–37 Me.
82. incongruus (Lec.) 53–454 L. Sup. Lab.
behrensi Cand. 89–56 Cal. [Nfld.
83. silaceus (Say) 25–260 ♀ M.& So.St. Ind. Fla. Ct. [So.Cal.
debilis Lec. 59–72
?flavipennis Mots. 59–383 Ind.
umbraticus Lec. 53–505 ♂ M.& So.St.
*
84. honestus Rand. 38–9 Me.
— humeralis Mots. 59–384 Cal.

AGRIOTINI

Agriotina

Agriotes Esch. 29–34
8885. mancus (Say) 23–171 Mo.-L.Sup. Ind. Atl.St.
obesus‡ Harris 42–49 Canada.
striatulus Melsh. 46–217 Pa.
truncatus Melsh. 46–217 Pa.
86. stabilis (Lec.) 53–457 Can. L. Sup.
87. insanus Cand. 63–376 Ind. [Ind.
sordidus || (Lec.) 53–457 N. Y.
88. fucosus (Lec.) 53–456 Can. L. Sup.
a. collaris (Lec.) 53–456 Vt. [Vt. Nfld.
89. brunneus Schfr. 16–264 Utah.
90. ferrugincipennis Lec. 61–348 Cal. Or.
91. imperfectus Lec. 84–16 Cal. So. Cal.
92. sparsus Lec. 84–17 Cal.
93. pubescens Melsh. 46–217 Man. Can. Pa. L. Sup. Ind.
94. limosus (Lec.) 53–457 Can. L. Sup. Nfld.
95. hispidus Lec. 84–17 Cal. So. Cal.
96. opaculus Lec. 59–85 Cal.
97. oblongicollis (Melsh.) 46–218 M. St. Ind. Ct.
a. isabellinus (Melsh.) 46–218 Pa.
98. nevadensis Lec. 84–17 Nev.

Agriotes Esch.
8899. apicalis Lec. 84–18 Cal.
8900. avulsus (Lec.) 53–457 Pa. Vt. Ind.
01. torquatus Lec. 84–18 Cal.
02. montanus Lec. 84–18 Wy. Id.
03. inversus Cand. 63–373 Cal.
?flavipennis Mots. 59–383

Adrastina

Betarmon Kies. 63–676
8904. bigeminatus (Rand.) 38–37 Can. L. Sup. Pa.
05. californicus Schfr. 17–42 Cal. [Mass.

Glyphonyx Cand. 63–451
8906. recticollis (Say) 23–168 M. St. Ind. Fla.
inscius (Say) 39–184 Ind. [Ct.
?pumilus (Er.) 41–120 Cuba.
07. testaceus (Melsh.) 46–219 Pa. Ga. Ind. Fla.
08. ferruginosus Schfr. 16–266 Ariz. [Ct.
09. quietus (Say) 39–184 Mo. Ind.
10. inquinatus (Say) 39–175 N.C. Ind.
11. quadraticollis Champ. 93–536 Mex. Ariz.
12. bimarginatus Schfr. 16–265 Fla.
13. dubius Schfr. 16–265 Ariz.
14. mimeticus Horn 74–23 Ala.-Mex.

ELATERINI

Elaterina

Drasterius Esch. 29–33
8915. subornatus Schfr. 17–40 Tex.
16. thoraeicus Schfr. 17–40 So. Ill.
17. nigriventris Schfr. 17–41 Tex.
18. scutellatus Schfr. 17–41 Tex.
19. asper Lec. 84–4 Tex.
20. cribratus Lec. 84–4 L. Sup.
21. grandicollis Horn 71–308 Cal.
22. fretus Csy. 85–171 Pa.
23. curtipennis O. Schw. 06–112 Ala.
brevipennis || O. Schw. 03–57
24. minor O. Schw. 03–58 Ala.
25. præses Cand. 65–28 Cal.
— simiolus Cand. 59–428 Mex. Cal.?

Elatrinus Horn 71–307
8926. anthrax Horn 71–307 Cal.

Elater L. 67–651
8927. phelpsi Horn 74–22 Cal.
28. horni Cand. 80–63 Cal.
29. cordatus Horn 71–306 Cal.
30. behrensi Horn 71–214 Cal.
31. cordifer Lec. 59–72 Cal. So. Cal.
lecontei Cand. 59–459
32. pullus Germ. 43–162 Me.-Wash.
33. oregonus Schfr. 16–258 Or.
34. nigricollis Hbst. 01–73 Can.-Ga. Ind.
35. lintens Say 39–168 Fla. Can.-Ga.
lugubris Germ. 43–165 [L. Sup. Ind.
36. sellatus Dej. 36–104
discoideus || Fab. 01–240 Can.-Ga. So. St. Ohio.
37. vitiosus Lec. 53–465 Vt. Can. M. S. St.
38. læsus Lec. 53–465 Ga. Mass. N.Y.
39. sayi Lec. 53–465 M. St. Ind.
oblessus‡ Say 39–165
40. verticinus Beauv. 05–214 Fla. Ga. Mass.
rubricollis Hbst. 06–49 [Ill. Ind.
41. semicinctus Rand. 38–10 Can. N. Eng. N. Y. Me.
protervus Lec. 53–471 L. Sup.
42. militaris Harris 36–70 N. Y. Conn.
43. rubricus Say 25–261 Can.-N.C. Ind.
concinnus Germ. 43–170
44. lateralis Lec. 84–12 Nev.
45. atripennis Horn 71–306 Cal.
violaceipennis Cand. 81–62
46. nevadensis Lec. 84–12 Nev.
47. torquatus Lec. 84–12 Nev.
48. collaris Say 25–268 M. & S. St. Ind.
palans Lec. 53–469 Ga. [Conn.
thoracicus‡ Hbst. 01–51
49. sanguinicollis Schfr. 16–257 Utah.
50. sanguinipennis Say 23–177 Mass. Ga. Ill.
51. xanthomus Germ. 43–168 M. St. [Ind.
humeralis Melsh. 46–159 Pa.
52. dimidiatus Lec. 61–347 So. Cal. Or.
53. apicatus Say 39–170 Colo.-Vanc.
melanopygus Germ. 43–161 [Ariz.
a. phœnicopterus Germ. 43–161 Or. L. Sup.
54. affinis Lec. 84–13 W. St.-Vanc.
55. obliquus Say 39–174 Can.-Ga.-Ill.
a. areolatus Say 23–167 M. & S. St. Ind.
scitulus Germ. 43–168

Elater L.
8956. pusio Germ. 43–169 Ga.-Ill. Ind.
luteolus Lec. 53–471 N. C.
57. ignobilis Boh. 58–68 Cal.
58. ater Lec. 84–12 Colo. So. Cal.
59. manipularis Cand. 59–478 Can.-Tex. Ind.
60. pedalis Germ. 43–176 Fla. Can.-B.C. Ind. Nfld.
arsulus Melsh. 46–213 Pa. N. Y.
deletus Lec. 53–469 L. Sup.
?rufipes Beauv. 05–214
61. longicornis Lec. 84–12 Cal. So. Cal.
62. carbonicolor Esch. 29–33 Alas. (So.Cal.?)
63. nigrinus Hbst. 84–114 Eur. Sib. Alas. Vanc. Lab. Ct.
antbracinus Lec. 69–378 Vanc. Mich. Can. Vt.
64. mixtus Hbst. 06–54 Anticosti- L. Sup. Conn.
lacustris Lec. 53–468 L. Sup.
fuseulus Lec. 53–468 L. Sup.
miniipennis Lec. 53–469 Ga. Md. L. Sup.
65. impolitus Melsh. 46–180 M. St. Pa.
66. socer Lec. 53–467 Pa. Ill. H.B.T. Ind.
67. subtilis Lec. 84–12 L. Sup. Ind.
68. luctuosus Lec. 53–466 Anticosti- L. Sup. Nfld.
69. nigricans Germ. 43–176 Pa.-N. Y. L. Sup. Conn.
fuscatus Melsh. 46–213 M. St. Fla.
testaceipes Melsh. 46–243
molestus Lec. 53–467 L. Sup.
70. moerens Lec. 61–347 Cal. Or.

Ectamenogonus Buysson 93–314
8971. melsheimeri Leng 18–206
hepaticus || (Melsh.) 46–160 M. & W. St. Pa. Can. Vt. Ind. Fla. So. Cal.
72. insignis (Lec.) 84–11 Tex.
73. rhodopus (Lec.) 57–47 Or. Cal. Vanc.
umbricolor (Mots.) 59–385
74. fastus (Lec.) 84–11 So. Cal. Ariz.
75. rubriventris (Lec.) 84–12 N. Mex.
76. partitus (Cand.) 80–63 Cal. Nev.
77. melinus (Lec.) 84–12 Cal.
— ?macilentus Rand. 38–13 Me.
— ?basalis Rand. 38–9 Me.

Blauta Lec. 53–472
8978. cribraria (Germ.) 43–307 Ga.
cauta Lec. 53–473 Ga.

Megapenthes Kies. 63–353
(*Elater* (pars) Lec. 53–472)
(*Ectinus*‡ Melsh. 44–159)
8979. tartareus (Lec.) 59–85 Or. So. Cal.
aterrimus (Mots.) 59–382 Alas.
80. limbalis (Hbst.) 06–162 ♂ M. S. & W. St.
granulosus (Melsh.) 44–159 ♀ Fla.-Conn.
sturmi (Lec.) 53–463 M. & St. Fla.
81. horni n. m.
aterrimus || Horn 71–309 N. Mex. Cal.
82. nigriventris Lec. 84–7 Cal. [So. Cal.
83. rufilabris (Germ.) 43–169 M. & S. St.
84. longicornis Schfr. 16–258 Ariz.

Megapenthes Kies.

8985. nigriceps Schfr. 16–259 Tex.
86. tarsalis Schfr. 16–259 N. C.
87. elegans Horn 71–310 Cal.
88. stigmosus (Lec.) 53–472 No.St.L.Sup.
caprella (Lec.) 57–47 [So. Cal.
89. rogersi Horn 71–213 Cal.
90. lepidus Lec. 84–7 Cal.
91. angularis Lec. 66–390 Mo.
92. turbulentus (Lec.) 53–463 So. Cal.

Dicrepidina

Dicrepidius Esch. 29–31

8993. palmatus Cand. 59–146 Ind.
94. ramicornis (Beauv.) 05–10 So.Am.& So.
pectinicornis Esch. 29–10 [St. Fla.

Dicrepidius Esch.

8995. corvinus Cand. 59–145 Mex. Ariz.

Ischiodontus Cand. 59–90
(*Tricrepidius* Mots. 59–366)

8996. soleatus (Say) 39–176 Mich.Ind.Fla.
97. simplex (Lec.) 53–462 Tex.
oblitus Cand. 59–101
98. ferreus (Lec.) 53–462 Tex. Fla.
triangulicollis (Mots.) 59–367 Cal.
99. parallelus O. Schw. 06–104 Ala.

Atractodes Germ. 39–219

— infumatus Cand. 59–137 N. Am.?

PHYSORRHININI

Physorrhinus Esch. 36–tabl.

9000. fusculus Champ. 95–385
frontalis || (Horn) 84–349 N. Mex.
01. yuccæ Wickh. 03–67 Tex.

Anchastus Lec. 53–459
(*Brachycrepis* Lec. 53–460)

9002. signaticollis (Germ.) 43–190
03. tantillus (Mann.) 43–239 Cal.
04. cinereipennis (Esch.) 29–31 Cal. So. Cal.
puberulus (Mann.) 43–240 Cal.
05. binus (Say) 39–177 Ind.Ga.Fla.
06. militaris Cand. 80–59 Cal.
07. asper Lec. 78–404 Fla.
08. longulus Lec. 78–404 Fla.

Anchastus Lec.

9009. fuscus (Lec.) 78–404 Fla.
10. bicarinatus (Lec.) 53–461 Fla. Ga.
11. bicolor Lec. 66–390 Cal. Ariz.
a. desertus Horn 71–311 So. Cal.
12. digitatus Lec. 53–459 Pa.
13. sericans Cand. 91–106
horni O. Schw. 07–315
sericeus || Horn 71–311 Ariz.
14. rufus Cand. 59–404 La.
— regularis Mots. 59–364 Cal.
— recedens Lec. 53–460 Cal.
— hirsutulus Mots. 59–364
— pilifer Mots. 59–365

MELANOTINI

Melanotus Esch. 29–32
(*Cratonychus* Lac. 35–631)
(*Ctenonychus* Melsh. 44–151)
(*Perimecus* Kby. 37–63)

9015. castanipes (Payk.) 00–23 Eur.& N. Am.
Sib. Ind. Nfld.
inæqualis (Lec.) 53–476 Vt.L.Sup.Can.
Pa. Ohio.
scrobicollis (Lec.) 53–476 N.Y.No.& M.
St. Mich.
16. corticinus (Say) 23–174 Ga. Ind.
17. longulus (Lec.) 53–473 So. Cal.
18. macer (Lec.) 53–473 Ariz.?N.Y.
Ga. Ind.
19. decumanus (Er.) 42–104 Md.Ind.Ct.
cuneatus (Lec.) 53–473 Ga.
incertus (Lec.) 53–474 Mo.
20. canadensis Cand. 60–342 Can. Ind.
21. despectus Cand. 60–343 Ga.
22. clandestinus (Er.) 42–112 M. & S. St.
23. secretus (Lec.) 53–474 Ga.
24. blatchleyi Leng 18–205
longicornis || Blatch. 10–746 Ind.
25. ignobilis (Melsh.) 46–152 Pa. Ind.
26. depressus (Melsh.) 46–152 Pa. Ind.
27. prasinus Blatch. 10–752 Ind.
28. angustatus (Er.) 42–113 Pa. Ind.
testaceus (Melsh.) 46–152 Pa.
29. trapezoideus (Lec.) 53–475 Pa.N.J.Ind.
30. tænicollis (Lec.) 53–475 Pa.[Fla.?Ct.
31. leonardi (Lec.) 53–475 Pa.Ga.N.H.
32. texanus Cand. 60–351 Tex.
33. glandicolor Melsh. 46–152 Pa. Ind.
34. divarcarinus Blatch. 10–754 Ind.

Melanotus Esch.

9035. communis (Gyll.) 17–138 E.U.S.-Neb.
cinereus (Weber) 01–77 [Ind.La.Fla.
simplex Germ. 24–42
spadix (Er.) 42–103
36. fissilis (Say) 39–183 M. & So.St.
Ind.So.Cal.
cinereus (Weber) 01–77 [Fla. Ariz.
brevicollis Hbst. 06–162
laticollis (Er.) 42–102
ochraccipennis (Melsh.) 46–150
bicolor Melsh. olim. [Pa.
sphenoidalis(Melsh.)46–150 Pa.
37. exuberans (Lec.) 53–477 N. Mex.
38. lixus Blatch. 10–754 Ind.
39. debilis Blatch. 10–754 Ind.
40. parumpunctatus (Melsh.) 46–151 Pa.Ind.Fla.
41. effetus Cand. 60–355 O. [Conn.
42. verberans (Lec.) 53–478 Md.Ind.Conn.
43. emissus (Lec.) 53–478 Ga.
44. infaustus (Lec.) 53–478 Ga. Fla.
45. cribulosus (Lec.) 53–478 Neb.
46. cribricollis Cand. 60–358 So.Cal.Ariz.
47. paganus Cand. 60–358
48. pertinax (Say) 39–185 Mass.Ga.Ind.
49. dubius (Lec.) 53–479 N.Y.Fla.Ct.
50. tenax (Say) 39–185 M.&So.St.Ind. Conn.
51. americanus (Hbst.) 06–74 E.U.S.Ind.
52. cribriventris Blatch. 10–747 Ind. [Conn.
53. insipiens (Say) 39–184 So.St.Fla.
tenellus (Er.) 42–114 Ga. Fla.
54. gradatus Lec. 66–390 Md. Ind.
55. opacicollis Lec. 66–390 Ill.

Melanotus Esch.

9056. variolatus Lec. 61–377 Cal. So. Cal.
57. oregonensis (Lec.) 53–480 Or.
58. morosus Cand. 60–346 Ga.
longulus (Lec.) 53–480 Ga.
59. sagittarius (Lec.) 53–480 M.St.Ind.Ct.
60. difficilis Blatch. 10–751 Ind.
61. pilosus Blatch. 10–751 Ind.

Melanotus Esch.

9062. carinus Blatch. 10–752 Ind.
63. paradoxus Melsh. 46–152 Pa.
64. abdominalis (Er.) 42–104 N. Am.
65. vetulus (Er.) 42–104 N. Am.
66. similis (Kby.) 37–149 Can.
67. peninsularis Cand. 89–46 Fla.

CARDIOPHORINÆ

Blanchard 89

Coptostethus Woll. 54–238

9068. ?americanus Horn 71–303 La.

Cardiophorus Esch. 29–34

9069. amplicollis Mots. 59–385 Cal. So. Cal.
70. fenestratus Lec. 59–86 Cal.-Neb.
lorquini Cand. 60–167
71. cardisce (Say) 39–169 M.St. Ind. Mass.Fla.Neb.
convexus‡ Er. 40–289
dejeani Lec. 53–497 ♂ Ga. Fla.
72. bifasciatus Bl. 89–8 Cal.
73. coxalis Bl. 89–9 Or.
74. stigmaticus Cand. 69–122 Cal.
signatus || Cand. 65–40
75. pullus Bl. 89–10 Colo.
76. gemmifer Bl. 89–11 So.Cal. Nev.
77. tumidicollis Lec. 53–498 Cal. Or. Nev. Wash.
78. luridipes Cand. 60–167 Cal. So. Cal.
79. abbreviatus Bl. 89–13 Cal.

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80. erythropus Er. 40–293 S. C.
saturninus Lec. 53–497 S. C.
81. angustatus Bl. 89–14 Fla.
82. convexus (Say) 23–169 M.& S.St. Ind. Ct.
amictus Melsh. 46–158 Can.-Fla.-[Kan.
erythropus‡ Lec. 53–497
?insulsus Cand. 60–169
83. floridæ Cand. 68–41 Fla.
84. longior Lec. 61–347 Colo. Mont.
longulus Lec. 69–377 err. typ.
85. arizonicus Fall 05–270 Ariz.
86. nevadensis Bl. 89–17 Nev.
87. gagates Er. 42–297 Ind. N.S.-Fla.
lævicollis Er. 42–300 S. C.
88. togatus Horn 71–301 Tex.
89. edwardsi Horn 71–301 Cal. Nev. So. [Cal.
mimeticus Horn 72–147
90. latiusculus Esch. 29–34 So.Cal.-Vanc.
91. tenebrosus Lec. 53–498 W.St. Cal. Neb.-Vanc.
a. fulvipes Lec. 59–73 ♀ [So.Cal.
montanus Bland 64–67 Colo.
92. convexulus Lec. 53–498 Can. Me. O. N. H. Mass.
93. crinitus Bl. 89–21 Cal.

Cardiophorus Esch.

9094. pubescens Bl. 89–22 Colo. Wy. N.
95. carbonatus Bl. 89–23 Cal. [Mex.
96. obscurus Lec. 53–498 So. Cal. Ariz.
97. æneus Horn 71–301 Cal. So.Cal.
98. robustus Lec. 53–495 M.St. Mass.-
laevicollis‡ Lec. 53–499 N. Y. [Tex.
99. seniculus Bl. 89–25 Cal. So. Cal.
9100. dispar Bl. 89–25 Cal.
— californicus Mann. 43–238 Cal.
— filius Rand. 38–14 Me.

Aptopus Esch. 29–32

9101. peregrinus Horn 84–44 Tex.
02. subcarinatus Schfr. 16–256 Ariz.
03. rugiceps Schfr. 16–257 Ariz.

Horistonotus Cand. 60–243

9104. vulneratus Horn 85–35 Ariz.
05. pullatus Horn 85–35 Ariz.

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06. densus Lec. 63–83 Cal.
07. inanus Lec. 53–499 So. Cal.
08. basalis Horn 85–36 So. Cal.
09. transfugus (Lec.) 53–500 Cal.
10. definitus Horn 71–302 Cal.
11. sufflatus (Lec.) 53–499 So. Cal.
12. simplex Lec. 66–83 So. Cal. Ariz.
13. flavidus Fall 01–240 So. Cal.
14. curiatus (Say) 39–173 Tex. M.S.St. areolatus (Er.) 40–320 [Ind.
15. gracilis Horn 85–39 Nev. Ariz.

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16. exoletus (Er.) 40–325 Tex.-So.Am.
17. uhleri Horn 71–302 Ga. Fla.
18. mitis Horn 85–50 Utah.

Esthesopus Esch. 29–32

9119. præditus Horn 84–42 Tex. Tenn.
20. parcus Horn 84–42 Ariz.
hepaticus‡ auct.
21. dispersus Horn 84–42 Ariz. Tex. So. humilis‡ auct. [Cal.
22. pusio Horn 84–43 Fla.
23. bicolor Horn 74–22 Fla.
24. claricollis (Say) 36–169 Fla. Va.-Ind. Tex. Ind.
— ?pædicus Cand. 60–277 W.I. (U.S.?)

MELASIDÆ (*Eucnemidæ*)

Mann. 23; Leconte 53; Horn 86; Bonvouloir 70

EUCNEMINÆ

MELASINI

Melasis Oliv. 95–30
9125. pectinicornis Melsh. 46–148 Pa.-Tex. Ind. Fla. Conn.
26. rufipennis Horn 86–7 Nev.-Wash.

Isorhipis Lac. 57–622
(*Tharops* || Cast. 35–168)
9127. ruficornis (Say) 23–166 Ark. Can.-Mo. Ind.

Isorhipis Lac.
obliqua (Say) 39–187 Ind. O. N.Y. N. H.
9128. nubila Bonv. 70–108 No. Ga.

EUCNEMINI

Dendrocharis Guér. 43–193
(*Galba*‡ Lec. 53–418)
9129. flavicornis Guér. 43–193 Ga.? Fla.

Stethon Lec. 66–386
9130. pectorosus Lec. 66–386 O. Ill. Mo. Ind.

Poecilochrus Bonv. 70–148
9131. errans (Horn) 86–13 Fla.

Eucnemis Ahrens 12–40
9132. americana Horn 86–14 Cal. Ky. O.

Deltometopus Bonv. 70–171
(*Dirhagus*‡ Melsh. 46–150)
9133. amœnicornis (Say) 39–189 Ind. N. Eng.-Tex. Fla.
clypeatus (Say) 25–266 ♀ Pa. Tenn.
ereptus Bonv. 70–185 La.
?monilicornis (Mann.) 23–26
34. rufipes (Melsh.) 46–150 Can. Ohio.

Dromæolus Kies. 63–197
9135. californicus Bonv. 70–890 Cal.
36. sejunctus Bonv. 70–266 L. I. N. Y.
37. salsus Bonv. 70–267 La.
38. nitens Horn 86–19 Or. Wash.
39. basalis (Lec.) 66–387 No. Cal. Nev.
40. hospitalis Bl. 04–187 Cal.
41. striatus (Lec.) 52–47 Ga. N. Y.-Fla.
42. harringtoni Horn 86–21 N. Y.-Can. O.
43. cylindricollis (Say) 39–188 Ill. Can.-Ga.
44. marseuli Bonv. 70–268 N. Y. [Ind.
45. pusillus Horn 86–23 No. Ill. Tex.

Fornax Cast. 35–172
(*Isarthrus* Lec. 52–48)
9146. badius (Melsh.) 46–150 Pa.-Ill. La. Fla.
novitius (Bonv.) 70–270
47. calceatus (Say) 39–188 ♂ Can. Mass.
spretus (Lec.) 52–48 L. Sup.
horni Bonv. 70–891 ♀ Can. Ky. Ind.
48. bicolor (Melsh.) 46–149 Fla. M. St.-
luridus Chev. 67–592 [Cuba.
49. molestus Bonv. 70–376 N. Am. Fla.
50. orchesides (Newn.) 38–384 Can. N. Eng. M. St. Wis. Ind.
bicolor‡ Lec. 53–416 N. Y.
51. infelix Horn 86–27 Fla.

Phænocerus Bonv. 70–285
9152. americanus Horn 72–147 Vanc.

Adelothyreus Bonv. 70–609
9153. dejeani Bonv. 70–617 Md. O.

Microrhagus Esch. 36–4
9154. pectinatus Lec. 66–387 Can. N. Y. Pa.
55. audax Horn 86–32 Pa. [Va. Ind.
56. imperfectus Lec. 52–48 N.Y. Mass. Md. Ind.
subsinuatus Lec. 52–48 Ga. Can. N. S. O. D.C. Va.
triangularis || (Harris) 37–72
oblitus Bonv. 70–552 Ill.
57. triangularis (Say) 23–170 Can.-Ga. Ind.
58. impressicollis Bonv. 70–599 Fla. La. Tex.
mucidus Bonv. 70–593 ♀
59. bonvouloiri Horn 86–35 Pa. D.C. La.
humeralis‡ Bonv. 70–607 [Ind.
60. humeralis (Say) 39–189 Can.-Mex. Pa.
meticulosus Bonv. 70–604 [Tenn. Ind.

Entomophthalmus Bonv. 70–513
9161. rufiolus (Lec.) 66–387 Can. Ill. Tenn.
pallens Bonv. 70–518

Xylobius Latr. 34–124
9162. cylindriformis Horn 71–341 Cal. Nev.

Hylochares Latr. 34–127
9163. nigricornis (Say) 23–165 Ohio, Ind.

Sarpedon Bonv. 70–774
9164. scabrosus Bonv. 70–774 Can. Tenn. Neb. So. Cal.

Arrhipis Bonv. 70–71
9165. lanieri (Guér.) 38–279 Cuba, Fla.

Nematodes Latr. 25–248
(*Emathion*‡ Cast. 35–171)
9166. atropos (Say) 39–187 Fla. Can.-La. Ind.
67. penetrans (Lec.) 52–47 Can.-Ga. Ind.
68. punctatus Lec. 78–404 Fla.
69. pavidus Horn 86–43 Tex.
70. teres Horn 86–43 Tex.
71. collaris Bonv. 70–663 Ohio, Ind.

Hypocœlus Esch. 36–4
9172. frontosus (Say) 39–187 Can. Pa. Mo.
canaliculatus (Lec.) 52–46 [Ind.
73. terminalis Lec. 66–387 Can.

Schizophilus Bonv. 70–708
9174. subrufus (Rand.) 38–38 Can.N.Y.Ind.
simplex (Lec.) 66–388
trilobatus Bonv. 70–708

Epiphanis Esch. 29–10
9175. cornutus Esch. 29–35 Nfld. Alas. Pa.
cristatus Lec. 52–46 N.Y. [N.Mex.

Phlegon Cast. 35–254
(*Euryptychus* Lec. 52–46)
9176. heterocerus (Say) 39–186 Md. Pa. Ind.
77. ulkei Horn 86–47 Ohio.

Palæoxenus Horn 91–40
(*Cryptostoma* || Latr. 25–348
9178. dohrni Horn 78–54 Mex.& So.Cal.

Anelastes Kby. 18–384
9179. druryi Kby. 18–384 Vanc.Can.Ga.
brunneus (Latr.) 34–129 [Fla.
crosus (Say) 25–258
a. latreillei Lec. 52–47 Cal. Ariz.

PEROTHOPINÆ

Perothops Er. 41–116
9180. mucida (Gyll.) 17–113 Pa.-Fla.
muscidus (Say) 25–256
unicolor (Say) 25–256

Perothops Er.
9181. witticki Lec. 57–45 Cal. So. Cal.
cervina Lacord. 57–129 Cal.

THROSCIDÆ (*Trixagidæ?*)

Bonvouloir 59; Horn 85; Blanchard 17

LISSOMINI

Drapetes Dej. 21–34
9182. geminatus Say 25–265 Can.-Tex.Fla.
basalis Rand. 38–9
exstriatus Say 39–177
a. nitidus Melsh. 46–149
83. niger Bonv. 59–78 Mex.-Tex.

Drapetes Dej.
9184. rubricollis Lec. 66–82 N.C.Fla.Ark.
85. quadripustulatus Bonv. 59–74 Wis.-Fla.
86. ecarinatus Schfr. 16–62 L. Cal.

THROSCINI

Pactopus Lec. 69–63
9187. horni Lec. 67–64 Nev.-Vanc.
fuchsi Csy. 93–585 Cal. [So.Cal.

Aulonothroscus Horn 90–208
9188. parallelus Bl. 17–11 Va.
89. teretrius Bl. 17–12 Mich.N.C.
90. schwarzi Bl. 17–12 Fla. Tex.
91. punctatus Bonv. 59–15 Mass.Ia.Fla.
invisus Horn 85–201 ♀ N. Y.
92. validus Lec. 68–63 Nev.-Vanc.
93. laticeps Bl. 17–15 Mich.
94. calocerus Bonv. 60–354 Va.
95. constrictor Say 39–190 N.H.Fla.Ark.
96. rugosiceps Schfr. 16–63 Tex.
97. detritus Bl. 17–18 Tex.
98. distans Bl. 17–19 Mass.-N.C.
99. pugnax Horn 85–202 Fla.

Aulonothroscus Horn
9200. convergens Horn 85–202 N.Y.Fla.La.
01. nodifrons Bl. 17–20 Tex.

Throscus Latr. 07–36
?(*Trixagus*[1] Kug. 94–534)
9202. horni Bl. 17–22 Gulf St.
alienus‡ Horn 85–202
03. carinicollis Schfr. 16–63 N.H.Ala.B.C.
04. chevrolati Bonv. 59–21 Mich.No.Ill. Fla.
parvulus Lec. 63–44 Tex.Ariz.Cal.
sejunctus Horn 85–204 Cal. So. Cal.
05. mendax Horn 85–203 No.Cal.Or. Wash.
06. sericeus Lec. 68–63 Colo.-So.Cal.
a. debilis Horn 85–205 Or.-Vanc.

BUPRESTIDÆ[2]

Leconte 59; Crotch 73; Horn 78, 82, 86, 91; Fall 99; Kerremans 02, 06; Casey 09

POLYCESTINI

Chrysophana Lec. 59–219
9207. placida (Lec.) 54–17 So.Cal.Or. Ariz.

Polycesta Sol. 32–281
9208. angulosa Duv. 57–62 Fla. Ala.

Polycesta Sol.
obtusa Lec. 58–68 Pa.
9209. californica Lec. 57–45 Cal.So.Cal.
cavata Lec. 58–68 Ala.
10. elata Lec. 58–68 Tex.

[1] See also p. 189 where this name is cited as synonym of Byturus.

[2] Prepared with the assistance of Messrs. Alan Sloan Nicolay and Willard J. Chamberlin, though the synonymy results in part from my own studies.

Polycesta Sol.

9211. velasco Cast. 38–5 So.Cal.Ariz.
12. arizonica Schffr. 06–21 Ariz. [Tex.

Acmæodera Esch. 29–9
(*Ptychomus* Mars. 65–322)

9213. alacris Horn 78–25 So. Cal.
14. comata Lec. 58–70 So. Cal.
15. cuprina Spin. 38–367 Tex. Mex.
hirtula Gory 40–29
16. flavomarginata Gray 31–358 Tex.-Cal.So.
contigua Kerr. 97–42 [Cal.
proxima Waterh. 89–178
17. scapularis Horn 94–369 Cal.
18. griffithi Fall 99–36 Ariz.
19. gibbula Lec. 58–69 Ariz. N.Mex.-
delumbis Horn 94–378 [So. Cal.
20. cubæcola Duv. 57–57 Fla. Cuba
pulcherrima‡ auct. nec Duv. Cuba.
21. maculifera Horn 94–372 Tex.-Ariz.
22. macra Horn 78–8 Tex. Ariz.
23. falli Kerr. 02–34 Ariz.
subcyanea || Fall 99–8
24. amplicollis Lec. 66–383 Ariz. N.Mex.
25. disjuncta Fall 99–9 Ariz.
26. opacula Lec. 58–69 Tex. Ariz.
27. amabilis Horn 78–7 N.Mex. Ariz.
28. convicta Fall 99–11 Ariz.
29. robusta Horn 78–9 So. Cal.
a. rubrosuffusa Fall 07–240 So. Cal.
30. clausa Horn 94–374 L. Cal.
31. fenyesi Fall 99–12 So. Cal.
32. lanata Horn 80–148 Ut.Cal.So.Cal.
33. pubiventris Horn 78–9 So. Cal.
34. recticollis Fall 99–13 N.Mex.Ariz.
35. coquilletti Fall 99–15 So. Cal.
36. plagiaticauda Horn 78–10 So. Cal.
37. jocosa Fall 99–14 So. Cal.
38. miliaris Horn 78–10 Tex. Ariz.
39. sparsa Horn 78–11 Colo.-Cal.
40. angelica Fall 99–16 Cal.
41. serena Fall 99–16 Ariz.
42. tuta Horn 78–11 Ut.Cal.So.Cal.
43. hepburni Lec. 59–254 Cal.So.Cal.
a. latiflava Fall 07–240 So. Cal.
44. quadriseriata Fall 99–18 So. Cal.
45. hæmorrhoa Lec. 58–68 Tex.
stellaris || Spin. 38–364
46. rubronotata Cast. 35–5 Tex.
stellaris Chev. 35–189 Mex.
47. ornata (Fab.) 74–220 Pa.-Fla.-Nev.
dispar Gory 40–31 [Ariz.?Ind.
48. morbosa Fall 99–20 So. Cal.
49. flavostieta Horn 78–15 So. Cal.
50. cuneata Fall 99–21 Ariz. Utah.
51. labyrinthica Fall 99–21 Ut.-Cal.So.
52. bishopiana Fall 07–240 So. Cal. [Cal.
53. bowditchi Fall 01–307 Ariz. Cal.
54. acuta Lec. 59–224 So.Cal.Ariz.
retifera Lec. 58–72 Cal. [Utah.
55. connexa Lec. 58–71 Ariz.So.Cal.
Nev. Or.
56. variegata Lec. 52–67 N.Mex.Tex.
Colo.-Or. So.
Lab.

Acmæodera Esch.

9257. laticollis Kerr. 02–28 U. S.
58. vandykei Fall 99–23 So.Cal.Utah.
59. prorsa Fall 99–23 So.Cal.[Wash.
60. dohrni Horn 78–15 Cal. So.Cal.
61. mariposa Horn 78–22 So. Cal.
62. dolorosa Fall 99–25 So. Cal.
63. postica Fall 99–25 So. Cal.
64. daggetti Fall 99–26 Ariz.
65. horni Fall 99–25 Ariz.
66. scalaris Mann. 37–25 Tex.-Ariz.
mima Gory 40–29
semivittata Lec. 58–69 Tex.
67. decipiens Lec. 66–383 Ariz. N. Mex.
68. obtusa Horn 78–19 Tex.
69. distincta Kerr. 02–29 Colo.
70. alicia Fall 99–29 So.Cal. Ariz.
71. lucia Fall 01–307 Colo. Cal.
Ariz.
72. pulchella (Hbst.) 01–211 Ind. Pa.-Fla.
ornata || (Oliv.) 90–50 [Cal.
volvulus Cast. 35–7
flavosignata Gory 40–30
mixta Lec. 60–222 Tex. N.Mex.
arizonæ Horn 78–19 Ariz. [Kan.
immaculata Horn 78–19
73. consors Horn 78–20 Tex.
74. texana Lec. 59–228 Tex.
75. subbalteata Lec. 63–82 L.Cal. N.Mex.
76. opinabilis Fall 99–30 L. Cal.
77. stigmata Horn 94–370 Ariz. L.Cal.
78. faceta Fall 07–241 L. Cal.
79. bivulnera Horn 94–371 Ariz. L.Cal.
80. guttifera Lec. 59–72 Tex. So.Cal.
Ariz.
versuta Horn 78–21 ♂ Cal. So.Cal.
81. cribricollis Horn 94–375 Tex.
82. larreæ Fall 07–241 Cal.
83. quadrivittata Horn 70–79 Tex.-So.Cal.
84. biedermanni Skinner 03–239 Ariz. [Ariz.
85. conoidea Fall 99–31 Ariz.
86. tubulus (Fab.) 01–200 Ind. E.U.S.-
Tex. Atl.St.
Fla.
culta (Web.) 01–75
geranii (Harris) 29–8
quatuordecimguttata Cast. 35–12
87. neglecta Fall 99–31 Tex. Ariz.
88. gemina Horn 78–23 So. Cal.
nebulosa Horn 94–376 So. Cal.
89. insignis Horn 94–377 L. Cal.
90. rubescens Schffr. 04–210 L. Cal.
— obesa Kerr. 09–271 Tex.
— pallidula Kerr. 09–269 Cal.

Ptosima Sol. 33–277

9291. gibbicollis (Say) 23–161 Pa. Ill.-Ind.
luctuosa Gory 40–71 Ala. O. Mo.
92. walshi Lec. 63–81 Ill. So.Cal.

Tyndaris Thom. 57–168

9293. cincta Horn 85–147 Tex.
94. olneyæ Skinner 03–236 Ariz.
95. prosopis Skinner 03–237 Tex.
96. barberi Skinner 03–238 Ariz.
97. chamæleonis Skinner 03–237 Tex.

SCHIZOPINI

Glyptoscelimorpha Horn 93–137

9298. marmorata Horn 93–137 Cal. So.Cal.

Dystaxia Lec. 66–385

9299. murrayi Lec. 66–385 Cal. So.Cal.
lecontei Thom. 78–6

Dystaxia Lec.
9300. elegans Fall 05–71 Cal.

Schizopus Lec. 58–70
9301. sallei Horn 85–145 Cal.
02. lætus Lec. 58–70 Cal. So.Cal. Ariz.

THRINCOPYGINI

Thrincopyge Lec. 58–17
9303. alacris Lec. 58–17 Tex. Ariz.N. Mex.

Thrincopyge Lec.
9304. ambiens (Lec.) 54–83 Tex. Ariz.
05. lætifica Horn 85–144 Tex. Cal.

CHALCOPHORINI

Agæocera Waterh. 82–4
(*Anataxis* Csy. 09–170)
(*Halecia*‡ Horn nec Lap.)
9306. gentilis (Horn) 78–144 Tex.

Hippomelas Cast. 37–92
(*Gyascutus* Lec. 59–189)
(*Stictocera* Csy. 09–69)
9307. sphenica (Lec.) 54–83 Tex. Ariz.
grossus Csy. 09–57 W. Tex.
robustus Csy. 09–57 W. Tex.
serrulatus Csy. 09–57 Ariz.
08. planicauda Csy. 09–58 So. Ariz.
cylindricus Csy. 09–58 Ariz.
09. cælata (Lec.) 58–67 Tex.-L.Cal.
pollens Csy. 09–70 Tex.
laticornis Csy. 09–70 Ariz.
10. planicosta (Lec.) 58–66 Tex. Ut. Ariz.
snowi Csy. 09–62 Ariz. [So.Cal.
cribriceps Csy. 09–62 Ariz.
pistorius Csy. 09–63 N. Mex.
acutangulus Csy. 09–63 Ariz.
pimalicus Csy. 09–63 Ariz.
amplus Csy. 09–64 Utah.
aerata Csy. 09–64 Utah.
egregius Csy. 09–64 Utah.
11. juniperina Wickh. 05–167 Utah.
12. obliterata (Lec.) 58–66 Ariz.-So.Cal.
fidelis Csy. 09–65 S.E.Ariz.
13. carolinensis Horn 76–288 N. C.
14. obesus Csy. 09–66 Tex.-Ariz.
æneoviridis Csy. 09–66 Tex.
compactus Csy. 09–66 S.E.Ariz.
solidus Csy. 09–66 S. E. Ariz.
cylindrinus Csy. 09–67 N. Mex.
debilis Csy. 09–67 S. E. Ariz.
tenuis Csy. 09–67 S. E. Ariz.

(*Prasinalia* Csy. 09–56)
15. euneata (Horn) 68–133 Ariz.-Cal.
angusta Csy. 09–59 Ariz.
metallica Csy. 09–59 So. Cal.

Chalcophora Sol. 33–278
9316. virginiensis (Drury) 72–66 Can.-Fla. Ind.
cupreomaculata (Goeze) 77–596 M.E.S.St.
virginiaca (Gmel.) 88–1940
novæboracensis Fitch 59–701
obscurata Fitch 59–702

Chalcophora Sol.
obliterata Csy. 09–79 Fla.
ingens Csy. 14–360 ?
antennalis Csy. 14–360 Id.
virginiea (Say) 39–157
?mariana (L.) 58–660 Eur. Sib.
9317. lacustris Lec. 60–190 N.E.U.S.L.
brevicollis Csy. 09–79 Mass. [Sup.
melanotum Muttk. 10–135 Wis.
18. angulicollis (Lec.) 57–44 Id. Or. Wash. Cal.
oregonensis Fitch 58–702 Wash. Id.
montana Csy. 09–80 Colo.
prominens Csy. 09–81 British Col.?
19. georgiana (Lec.) 57–7 So.Atl.St. Ga.
liberta‡ Cast. 36–11 [S.C. Fla.
iridescens Csy. 09–82 So.Atl.St.
20. fortis Lec. 59–191 Pa. N.Y. Kan. N.E.St. Conn.
laurentica Csy. 09–82 Ont.
cupreola Csy. 14–360 Kan.
21. liberta (Germ.) 24–38 N.E.St. Ind.
borealis Cast. 36–13 [Ct. M.&W.
parviceps Csy. 09–83 No. N. Y. [St.

Chalcophorella Kerr. 02–79
(*Texania* Csy. 09–84)
9322. fulleri (Horn) 75–147 Tex.
bisinuata (Csy.) 09–86 Tex.
23. campestris (Say) 23–165 N.Y.Pa.So.St. Ind.
substrigosa (Cast.) 36–13 M.&W. St.
langeri (Chev.) 53–308 La. Tex.
serriger (Csy.) 09–85 Pa.
obsolescens Csy. 14–361 La.

Psiloptera Sol. 33–283
(*Lampetis* Spin. 36–115)
(*Spinthoptera* Csy. 09–71)
9324. drummondi Cast. 36–37 Tex.
valens Lec. 58–66
easeyi Kerr. 10–126
convexa || (Csy.) 09–73 Tex.
oecularis (Csy.) 09–73 W. Tex.
a. webbi Lec. 58–66 Mex.So.Tex.
arizonica (Csy.) 09–74 Ariz. [Ariz.
b. woodhousei (Lec.) 52–68 Tex. Kan.
parva (Csy.) 09–73 Tex.
25. eupreopunctata Schffr. 05–147 Tex.

BUPRESTINI

Nanularia Csy. 09–172
9326. eupreofusea Csy. 09–173 Cal.
27. ?californiea (Horn) 75–147 Cal.So.Cal.

Ampheremus Fall 17–68
9328. cylindricollis Fall 17–69 Cal.

Trachykele Mars. 65–149
9329. opulenta Fall 06–162 Cal. Wash.
30. blondeli Mars. 65–150 N. Mex.
31. nimbosa Fall 06–164 Cal. B. C.
32. lecontei (Gory) 40–107 Ga. La.

Dicerca Esch. 29–9
(*Stenuris* Kby. 37–154)
(*Argante* Gistl 34)

9333. divaricata (Say) 23–13 Ky. Wis. N.Y. Pa.Ind. Ill.
tenebrica (Kby.) 37–155 Br. Am.
dubia Melsh. 46–142 M. St.
aurichalcea Melsh. 46–142 Ohio.
parumpunctata Melsh. 46–243 N. Y.
limula Csy. 09–144 N. Y.
incisa Csy. 09–144 Ind.
æstiva Csy. 09–145 Vt.
rustica Csy. 09–146 N. H.
subcuprea Csy. 09–146 Mich.Ind.N.Y
pertinax Csy. 09–147 N. H. [N. H.
sulcatula Csy. 09–147 Colo.
vancouveri Csy. 09–147 Vanc.
angusticauda Csy. 09–148 Wis.
subargentea Csy. 09–148 Wis.
severa Csy. 09–149 Ont.
34. caudata Lec. 59–195 N.&W.St.N. E.U.S.Ct.Pa.
abrupta Csy. 09–139 Mass. [Man.
inflatula Csy. 09–140 Mass.
biangulata Csy. 09–140 N. H.
pisciformis Csy. 09–140 Mass.
longicauda Csy. 09–141 Mass.
cupreola Csy. 09–141 Mass.
filiola Csy. 09–141 Mass.
subæqualis Csy. 09–143 Pa.
nigra Csy. 09–143 N. Y.
35. prolongata Lec. 59–194 L.Sup.No.U. S.Br.Am.Neb. Wis.
longipennis Csy. 09–149 Br. Am.
callosa Csy. 09–150 N. Y.
rigida Csy. 09–150 L. Sup.
tetrica Csy. 09–151 Ont.
36. sexualis Cr. 73–87 Or. Wash.
37. punctulata (Schön.) 17–123 E.U.S.N.Y.-Ga.
transversa (Say) 25–219 Mass.Pa.D.C.
pinorum Csy. 09–154 N. C.
38. pectorosa Lec. 57–145 Or.So.Cal.
39. horni Cr. 73–86 Cal.So.Cal.
ampliata Csy. 09–153 Cal.
40. pugionata (Germ.) 24–37 Pa.Md.N.E. U.S. Mass.
41. obscura (Fab.) 81–274 Ind.E.U.S. Va.N.C.Fla. Mass.Fla.Ct.
baltimorensis (Hbst.) 01–99 N. Y.
consimilis Cast. 39–104
pruinosa Gory 40–109
indistincta Melsh. 46–143
soror Lec. 59–197 Pa.
indurata Csy. 09–131 Tex.
truncata Csy. 09–132 Wis.
gracilis Csy. 09–132 N. H.
porcatula Csy. 09–133 Kan.-Pa.
innocua Csy. 09–133 Fla.
sagax Csy. 09–133 Ind.
floridæ Csy. 09–134 Fla.
regularis Csy. 09–134 N. Y.
42. lurida (Fab.) 01–190 M.S.W.St.N. Y. Fla.Ind.
levettei Csy. 09–135 Ind. Ill.

Dicerca Esch.

gaudens Csy. 09–135 Ill.
seriata Csy. 09–136 Tex.
crosa Csy. 09–136 Ia.
9343. lepida Lec. 57–7 Pa.-Ala.
pugionata‡ Cast. 39–99
44. spreta (Gory) 40–108 Ind.S.E.U.S.
?americana (Hbst.) 03–107 [Fla.
impressifrons Melsh. 46–144 Pa.
45. tenebrosa (Kby.) 37–155 L.Sup.N.E. U.S.Nfld. 65°
distinguenda Cast. 37–100 Me. N. Y.
lugubris Lec. 59–200 Mich.
lacustris Lec. 59–202 L. Sup.
morio Csy. 09–155 L. Sup.
austera Csy. 09–157 Mich.
46. chrysea Melsh. 46–143 N.H.No.U.S.
bifoveata Lec. 59–202 L.Sup. [N.Y.
acerba Csy. 09–158 Ont.
mystica Csy. 09–159 Mich.
montana Csy. 09–159 Mont.
wickhami Csy. 09–160 Wis.
stolida Csy. 09–160 Colo.
47. crassicollis Lec. 57–45 Or.Cal.-Wash.
californica Cr. 73–87 So. Cal.
hesperica Csy. 09–155 Wash.
48. dumolini Cast. 37–98 Va.
tuberculata‡ Chev. 38–65
consobrina Melsh. 46–45
49. tuberculata (Cast.) 37–99 N.Y. Me.
asperata (Cast.) 37–105 Ind.
hilaris Lec. 59–200 N. Y.
manca Lec. 59–201 N.Y. Mich.
a. scobina Chev. 38–66 Mass. Ind.
molitor Melsh. 46–144
50. mutica Lec. 59–196 † Long Is.

Poecilonota Esch. 29–9

9351. cyanipes (Say) 23–164 Ind.Mo.-N. Mex. Ariz.
parviceps Csy. 09–169 N.Mex.
a. erecta (Gory) 40–110 Can.N.J.Wis.
debilis Lec. 59–204 Md.
cupripes Csy. 09–168 Wis.
52. ferrea (Melsh.) 46–144 (?So.Cal.)Va. Ind.W.St.
53. thureura (Say) 32–3 Kan.Tex.La.
costicollis (Gory) 40–109
54. bridwelli VanD. 18–53 Cal.

Cinyra Cast. 37–157
(*Spectralia* Csy. 09–175)

9355. gracilipes (Melsh.) 46–145 Ind.N.E.U.S. Pa. Wis.
56. abbreviata Csy. 14–361 N.C. Ill.
?ocularis Csy. 14–362 Ill.
57. prosternalis Schffr. 04–205 Tex.
58. macilenta (Csy.) 09–176 Tex.
59. purpurascens Schffr. 05–127 L. Cal.

Buprestis L. 60–408
(*Ancylocheira* Esch. 29–9)
(*Anoplis* Kby. 37–151)
(*Cypriacis* Csy. 09–116)

9360. sulcicollis (Lec.) 59–208 L.Sup.N.S. Me. N.H.
lateralis Csy. 09–119 L. Sup.
61. aurulenta L. 67–661 B.C.So.Cal. Colo. Mont.

† Introduced.

Buprestis L.

lauta (Lec.) 54–17 Or.Wash.Cal.-Br. Am.
radians (Lec.) 54–17 Or.
villosa Lec. 73–331 Cal.
æmula Csy. 09–121 Colo.
tacomæ Csy. 09–121 Wash.
nupta Csy. 09–121 Id.
venusta Csy. 09–122 Cal.
affinis Csy. 09–123 Or.
adulans Csy. 09–123 Or.
a. prospera Csy. 09–122 N. Mex.
9362. adjecta (Lec.) 54–17 Or. Wash.
brevis Csy. 09–117 Vanc.
intricata Csy. 09–118 N. Mex.
63. striata Fab. 74–267 Ind.Can.Fla.
obscura Csy. 09–125 Pa.-Ont. [La.
a. impedita Say 36–160 N.E. U.S.
canadensis Csy. 09–124 Ont.

(*Stereosa* Csy. 09–126)

64. apricans (Hbst.) 01–125 N.C. Ala. Fla.
nigricornis (Sturm) 26–105
bosci Cast. 37–146
cribripennis Csy. 09–127 Ala.
65. decora (Fab.) 74–217 Fla. S.E.U.S.
66. salisburyensis (Hbst.) 01–174 N.Y. N.J.
ultramarina Say 36–160 Ga. N.Y. N.J.

(*Buprestis* s. str.)

67. lineata Fab. 74–217 Ind. N.Y.-Fla.
a. davisi N. & W. 18–95 Fla. [Mich.
68. maculipennis Gory 40–119 Mass.-Fla.
inconstans Melsh. 46–146
deficiens Csy. 09–90 N.C.
fusiformis Csy. 09–91 Va.
scripta Csy. 09–91 Mich.
reducta Csy. 09–92 No. N.Y.
leporina Csy. 09–92 Mich. Mo.
69. subornata (Lec.) 59–208 W.U.S.Cal.
rubronotans Csy. 09–97 Colo.?[N.Mex.
adonea Csy. 09–97 Mont.
histrio Csy. 09–98 Utah
punctiventris Csy. 09–99 Colo.
violescens Csy. 09–99 Kan.
70. maculativentris Say 24–272 U.S. Ind. Pa.L.Sup.Nfld. (So. Cal.?)
sexnotata Cast. 37–129
lecontei Saund. 71–40
a. rusticorum (Kby.) 37–151 Or.Wash.Br. Am.
paganorum (Kby.) 37–152 Lat. 54°
acomana Csy. 09–101 N. Mex.
morosa Csy. 09–101 Kan.
fusca Csy. 09–101 Colo.
sublivida Csy. 09–102 Mont.
caliginosa Csy. 09–102 Colo.N.Mex.
nigricans Csy. 09–102 Mont.
lyrata Csy. 09–103 B. C.
adducta Csy. 09–103 Or.Id.Wash.
71. connexa Horn 75–148 Or. [Vanc.
72. nuttalli (Kby.) 37–152 65° Br.Am. L.Sup.
a. consularis Gory 40–120 N.E.U.S.N.Y.
flavopicta Csy. 09–96 L.Sup.
73. læviventris (Lec.) 57–43 W.U.S. No. Cal.(So.Cal.?)
pugetana Csy. 09–94 Wash.
a. alternans (Lec.) 59–207 N.Mex.Ariz.

Buprestis L.

conicicauda Csy. 09–93 Ariz.
contorta Csy. 09–94 Wash.
diruptans Csy. 09–94 N.Mex.
gravidula Csy. 09–95 Cal.
torva Csy. 09–95 Wash.
boulderensis Csy. 09–96 Colo.
9374. rufipes (Oliv.) 90–16 Fla.Ind.Pa.-Tex. La.
virens Csy. 09–105 ♀ ?
elongata Csy. 09–105 ?
75. viridisuturalis N.&W.18–100 So. Cal. Or.
76. confluenta Say 23–159 Kan.Neb.Tex.
confluens Lec. 59–206
tessellata Csy. 09–104 Tex.
77. fasciata Fab. 87–177 N.E.U.S.No. Atl. (So.Cal.?)
sexmaculata Hbst. 01–163
lherminieri Chev. 38–68
fulgens Csy. 09–106 Dak. Wis. Ind.
fortunata Csy. 09–107 Mich.
saturata Csy. 09–114 L. Sup.
sexplagiata (Lec.) 59–205 ♂ N.E. U.S. Vt. N. Y.
a. langi (Mann.) 43–237 Alas.B.C.Or.
ornata Walk. 66–324 Vanc. [Wash.
bistrinotata Csy. 09–108 Cal.
angusta Csy. 09–108 Cal.
callida Csy. 09–109 Or.
fastidiosa Csy. 09–109 Cal.
mediocris Csy. 09–109 Cal.
viridimicans Csy. 09–111 B. C.
incolumis Csy. 09–112 Vanc.
oregona Csy. 09–112 Or.
obliqua Csy. 09–113 B. C.
patruelis Csy. 09–113 N. Mex.
graminea Csy. 09–114 Colo.
crenata Csy. 09–110 ♂ Cal. Or.
seditiosa Csy. 09–110 Cal.
leviceps Csy. 09–110 Wash.
depressa Csy. 09–111 Cal.
78. gibbsi (Lec.) 57–42 Cal.-Wash. (So. Cal.?)
— ?viridula Oliv. 90–27 (S. C.?) Philippines

Xenorhipis Lec. 66–384

9379. brendeli Lec. 66–384 N. Y. Ill. Tex.

Melanophila Esch. 29–9

(*Apatura* Cast. 36–1)
(*Diana* Cast. 37–155)
(*Trachypteris* Kby. 37–158)
(*Oxypteris* Kby. 37–160)
(*Phaenops*‡ Lec. nec Meg.)

9380. gentilis Lec. 63–42 So. Cal.-
prasina || Lec. 59–254 Cal. [N. Mex.
81. intrusa Horn 82–105 Cal. So. Lab.
82. pini-edulis Burke 08–117 Ariz.-Utah.
83. californica Van D. 18–54 Cal.
84. æneola Melsh. 46–146 M. & S. St.
metallica Melsh. 46–146 [Mich.
85. carolina Manee 13–171 N. C.
86. obtusa Horn 82–106 Ga.
87. fulvoguttata (Harris) 29–2 Sib.U.S.L.Sup.
guttulata (Gebler) 30–75 Alas. Lab.
discopunctata Fald. 33–47 [H.B.T.N.Mex.
octospilata (Cast.) 36–4
croceosignata (Cast.) 36–5
decolorata (Cast.) 36–5

Melanophila Esch.

a. drummondi (Kby.) 37–159 Cal. Or. Wash.
guttulata Mann. 53–221 Lab. Alas.
9388. miranda (Lec.) 54–83 N. Mex. Or.-Tex.
89. notata (Cast.) 36–4 S. E. U. S. Ind.
luteosignata Mann. 37–70 [Fla.
opaca Lec. 59–213 Ga. Fla.
90. consputa Lec. 57–44 No. Cal. Or.-Ariz. So. Cal.
91. acuminata (DeG.) 74–133 Sib. Eur. U. S. Can.
acuta (Gmel.) 88–1939 Alas. Va. Lab. So. Cal.
appendiculata (Fab.) 94–210 Ky. N. Mex.
morio (Payk.) 99–230
atropurpurea (Say) 23–160 Tex. Kan. Ariz.
longipes (Say) 23–164 Pa. Kan. L. Sup.
immaculata Mann. 36–8 Alas. Ariz. Vanc. So. Cal.
pecchioli Cast. 39–33 [H. B. T.

Anthaxia Esch. 29–9
(*Cratomerus* Sol. 33–295)
9392. viridifrons Gory 41–284 U. S. M. & W.
viridicornis || Cast. 39–19 [St. Ind. Ariz.
subænea Lec. 59–216 M. & W. St.
93. sublævis Van D. 16–406 Cal.
94. æneogaster Cast. 39–32 Ind. No. U. S. Can. Ariz. So. Cal.

Anthaxia Esch.
?inornata (Rand.) 38–4 Mc. N. Y.
expansa Lec. 57–44 Or.
imperfecta Lec. 59–215 N. Mex.
retifer Lec. 59–215 N. Mex.
foveicollis Lec. 59–215 Cal.
strigata Lec. 59–215 Cal.
nanula Csy. 84–174 Cal.
simiola Csy. 84–174 Cal.
ænescens Csy. 84–175 Cal.
9395. viridicornis (Say) 23–162 Mo. E. M. S. St. Md. Ind. Fla.
96. quercata (Fab.) 01–216 U. S. Ind. Fla.
viridicornis var. Say 34–161 M. & S. St.
cuneiformis Gory 41–290 S. & W. St.
bivittata Gory 41–292
cyanella Gory 41–285 ♀ M. S. & W. St.
scoriacea Melsh. 46–148
97. deleta Lec. 78–459 Colo.-Cal. So. Cal. Ariz.
98. salicis (Fab.) 81–237 Eur. & Kan.†
— californica Obenb. 14–26 Cal.
— pennsylvanica Obenb. 14–26 Pa.
— caseyi Obenb. 14–25 Cal.

Agrilaxia Kerr. 02–177
9399. flavimana (Gory) 41–291 M. S. W. St. Fla.
gracilis (Melsh.) 46–148 [Ariz.

CHRYSOBOTHRINI

Chrysobothris Esch. 29–9
(*Odontomus* Kby. 37–156)
9400. chrysoela (Ill.) 00–122 So. U. S. Fla.
hybernata (Fab.) 01–209
viridipunctata Cast. 38–21
01. sexfasciata Schffr. 18–212 Fla.
02. analis Lec. 59–238 Tex. Mex.
austini Thoms. 78–78
03. bimarginicollis Schffr. 05–148 Ariz.
04. convexa Fall 07–233 N. Mex.
05. sexsignata (Say) 36–158 Ct. E. U. S. Ind.
sexguttata || (Say) 23–161 Mass.-Colo.
germari Cast. 38–50
ignipes Cast. 38–50
06. lucana Horn 94–367 Ariz. So. Cal.
07. scitula Gory 41–160 N. J.-D. C. O.
ultramarina‡ Cast. 38–13 [Ind.
azurea Lec. 57–8 So. S. C.
concinnula Lec. 59–238 Mo.
08. lecontei n.m.
azurea || Lec. 59–239 Conn. Tex. Ind.
09. aeneola Lec. 59–239 Kan.-Nev.
purpurata Bl. 64–66
10. atrofasciata Lec. 73–332 Ariz.-N. Mex.
nigrofasciata‡ Lec. 59–240 N. Mex.
11. ulkei Lec. 59–240 Tex.
12. prasina Horn 86–118 Cal. So. Cal.
13. bicolor Horn 94–366 Cal.
14. smaragdula Fall 07–239 Ariz.
15. lateralis Waterh. 87–47 Tex. Mex.
16. costifrons Waterh. 87–45 Ariz. Mex.
aerea || Chev. 35–49

Chrysobothris Esch.
9417. bispinosa Schffr. 09–376 Ariz.
18. gemmata Lec. 58–67 Ariz.
19. merkeli Horn 86–106 Tex. Ariz. So.
20. serripes Schffr. 05–130 Utah. [Cal.
21. acutipennis Chev. 35–190 Tex. Ariz. Mex.
cupreoænea Cast. 38–39
acuminata Lec. 59–237 Me.
cupreosignata Thoms. 78–80
22. libonoti Horn 86–108 Ariz.
23. tranquebarica (Gmel.) 88–1932
impressa || (Fab.) 87–182 W. I. Fla.
excavata (Oliv.) 90–232
rugosa Mann. 37–74
denticultata Cast. 38–46
denticollis Gory 41–178
fraterna Mann. 37–75
24. chalcophoroides Horn 86–110 Ariz.
25. multistigmosa Mann. 37–82 Tex.-Mex.
atabalipa Cast. 38–43 Ariz.
basalis Lec. 58–68 Tex.
26. octocola Lec. 58–67 Tex. Ariz. So.
27. edwardsi Horn 86–74 Ariz. [Cal.
28. thoracicus Schffr. 05–128 L. Cal.
29. texana Lec. 59–234 Tex. Colo.-
30. beyeri Schffr. 04–207 L. Cal. [Cal.
31. ignicollis Horn 85–145 Colo. Tex.
32. speculifer Horn 86–83 So. Cal. Colo. Ariz.
33. cuprascens Lec. 59–234 So. Cal. Colo. N. Mex. Ariz.
34. monticola Fall 10–51 Cal.

† Introduced ?

Chrysobothris Esch.

9435. californica Lec. 59–255 Cal. Nev.
vulcanica Lec. 61–346 Ariz. So. Cal.
36. blanchardi Horn 86–93 Ind. Mass.-D. C.
37. quadrilineata Lec. 59–233 N. Mex. Ariz.
38. exesa Lec. 58–68 Ariz. So. Cal.
39. mali Horn 86–97 So. Cal. Colo.
a. lineatipennis Van D. 16–411 Cal. [Ariz.
40. piuta Wickh. 03–67 Ariz. Cal.
41. micromorpha Fall 07–237 Ariz.
42. pseudotsugæ Van D. 16–407 Cal.
43. laricis Van D. 16–409 Cal. Or.
44. carinipennis Lec. 78–459 Colo. Nev.
45. breviloba Fall 10–51 Colo.
46. falli Van D. 18–56 Cal.
47. caurina Horn 86–92 Colo.-Or.
48. pusilla Cast. 38–53 N. E. U. S. Ct.
49. biguttata Cast. 38–53
50. strangulata Melsh. 46–147
51. nixa Horn 86–98 Nev. Cal.
52. pubescens Fall 07–238 Cal.
53. deleta Lec. 59–255 Cal. Wash.
subcylindricus || Mots. 59–182 [Ariz.? Alas.
54. deserta Horn 86–100 Cal. So. Cal.
55. horni Kerr. 03–186 U. S.
56. purpurifrons Mots. 59–183 N. W. U. S.
semisculpta Lec. 59–254 Cal.
contigua Lec. 59–255 Cal. So. Cal.
57. sylvania Fall 10–50 Cal.
58. trinervia (Kby.) 37–157 Alas. H. B. T. Colo.-N.C.
cicatricosa Mots. 52–77 Ariz. L. Sup. Or. Wash.
59. verdigripennis Frost 10–43 Me.
60. dolata Horn 86–87 Nev.-Or.
61. dentipes (Germ.) 24–38 E. U. S.-Or.
characteristica (Harris) 29–2 L.Sup.-Ga.Fla.
posticalis Cast. 38–56 N. Am.
ruficornis Sturm. 43–61
62. ludificata Horn 86–88 Colo.-Cal.
63. lata Kerr. 99–336 Fla.
64. floricola Gory 41–179 Ind. M. St.-Fla. Conn.
femorata‡ Cast. 38–48 [Mich.
65. peninsularis Schffr. 04–207 L. Cal.
66. femorata (Oliv.) 90–47 U. S. Ind.-Fla. Can.-Tex. Or. & Cal. Ariz. So. Cal.

Chrysobothris Esch.

insculpta (Herbst) 01–145
cribraria Mann. 37–77 Can.
quadriimpressa Cast. 38–48
dentipes‡ Cast. 38–52
nigritula Cast. 38–54
dissimilis Gory 41–181 N. Am.
alabamæ Gory 41–185
viridiceps Melsh. 46–147
rugosiceps Melsh. 46–147
adelpha Harold 69–124
soror || Lec. 59–232 M. & W. St.
?fastidiosa Gory 39–180 Brazil.
obscura Lec. 59–232 S. & W. St.
9467. lesueuri Cast. 38–49 N.Y.M.&S.St.
misella Lec. 59–233 N. Y. Conn.
68. scabripennis Cast. 38–53 N.E.U.S.N.Y.
proxima Kby. 37–157 [Me. L. Sup.
scabra Gory 41–182
69. carmelita Fall 07–236 Ariz.
70. debilis Lec. 59–236 W. St. O.-So.
disjuncta Lec. 59–236 Ariz. [Cal.
71. axillaris Horn 86–75 Ariz.-Tex.
72. lixa Horn 86–108 Ariz. Tex.
73. purpureovittata Horn 86–76 Ind.-Tex.
74. purpureoplagiata Schffr. 04–206 Ariz.
75. subopaca Schffr. 04–208 Cal.
76. cyanella Horn 86–102 No. Cal.
77. humilis Horn 86–102 Ariz.
78. viridicyanea Horn 86–84 Mont.-Cal.
79. harrisi (Hentz) 27–373 Mass. Can.-
chlorocephala Gory 41–161 [N.C.

Actenodes Lac. 57–72
(*Belionota*‡ Mots. 59–184 nec Esch.)

9480. mendax Horn 91–46 Tex. So. Cal.
81. acornis (Say) 36–159 E. U. S. Ind.
rugulosa (Gory) 41–177 N. Y. Ga. Fla.
punctata (Melsh.) 46–147
?californica Mots. 59–184 Cal.
82. bellula (Mann.) 37–79 W. I. Ga.
auronotata (Cast.) 38–20 Fla.
bella Lec. 59–240 Ga.
83. calcarata (Chev.) 35–103 Mex. Ariz.
fulgurata (Mann.) 37–80 So. Cal. Fla.
lebasi (Cast.) 41–30
84. flexicaulis Schffr. 04–209 Tex.

AGRILINI

Eupristocerus Deyr. 64–113
(*Corœbus*‡ Lec. 59–241)

9485. cogitans (Web.) 01–75 M. S. W. St.
ignarus (Fab.) 01–211
ruficollis (Hbst.) 01–249

Engyaulus Waterh. 89–50

9486. pulchellus (Bland) 65–382 Colo. Ariz.

Agrilus Steph. 30–239

9487. macer Lec. 58–70 Tex.
88. concinnus Horn 91–310 Ga. Fla.
89. cavatus Chev. 35–142 Tex. Mex.
texanus Cr. 73–94
90. lucanus Fall 06–167 L. Cal.
91. bilineatus (Web.) 01–74 Ind. Me. Colo. Tex. La. Conn. Mich.

Agrilus Steph.

bivittatus Kby. 37–161
flavolineatus Mann. 37–110
aurolineatus Gory 41–248
9492. auroguttatus Schffr. 05–149 Ariz.
93. inhabilis Kerr. 00–341
ineptus || Horn 94–378 Cal.
94. walsinghami Cr. 73–95 Ariz. Or.-N. Mex. So. Cal.
95. snowi Fall 05–270 Ariz.
96. aureus Chev. 37–98 Ariz. N.Mex.
couesi Lec. 66–384
97. auricomus Frost 12–250 Mass. Conn.
98. acutipennis Mann. 37–109 Ind.Mass.Fla. Tex.
latebrus Cast. 39–38 M.& S. St.
quadriimpressus Zieg. 46–267 [Kan.

Agrilus Steph.

9499. difficilis Gory 39–224 Mo.Tex.Ind.
oecidentalis Uhler 55–416 W. St.
9500. ferrisi Dury 08–368 O. Ind.
01. obtusus Horn 91–288 Tex.
02. fuscipennis Gory 41–238 Tenn.Ga.Fla.
03. horni Kerr. 00–341 N. E. U. S.
blanchardi || Horn 91–305
04. anxius Gory 41–226 Ind.Mass.-Colo.
gravis Lec. 59–247 L. Sup. N.Y.
torpidus Lec. 59–247 L.Sup. Ill.
05. obolinus Lec. 59–248 Kan.S.W.U.S.
knausi Schffr. 09–376 [So.Cal.
06. strigicollis Fall 12–41 Ariz.
07. muticus Lec. 58–70 Kan. Tex.
08. lacustris Lec. 59–250 L.Sup.Ill.-Tex.
cuneus Lec. 66–384 [Ariz. So.Cal.
pubiventris Cr. 73–95
09. quercus Schffr. 05–150 Ariz.
10. nevadensis Horn 91–303 Nev.
11. niveiventris Horn 91–304 Ariz.-So.Cal.
12. pensus Horn 91–305 Mass.
13. ruficollis (Fab.) 87–184 Ind.Can.Va. Mo. Fla.
14. lateralis (Say) 23–169 Mass.N.Mex.
sayi Saunders 71–126
15. masculinus Horn 91–295 Can.N.Y.Ill. Ind.
16. pusillus (Say) 25–252 Kan.-Ariz.
parvus Saunders 71–116 [Ind.
17. defectus Lec. 59–234 N.E.U.S.Pa. Kan. W. St.
18. crinicornis Horn 91–294 Mass. Va.
19. addendus Cr. 73–95 Tex.Ariz.Ind.
20. egenus Gory 41–258 Can.-Tex.Ind.
21. puncticeps Lec. 59–249 Can.-Tex.M. & S. St.
22. cephalicus Lec. 59–249 Can.-Tex.M. St. L. Sup.
23. arcuatus (Say) 25–249 Ind.Mass.Fla. Mont.
a. torquatus Lec. 59–243 Ky. Mich.
b. fulgens Lec. 59–243 Mo. Ill.
c. coryli Horn 91–297 Man.
d. obliquus Lec. 59–243 L. Sup. Conn.
24. cupricollis Gory 41–240 Fla.
arcuatus‡ Lec. 59–242
25. huachucæ Schffr. 05–150 Ariz.
26. angelicus Horn 91–298 Cal. So. Cal.
27. townsendi Fall 07–234 N. Mex.
28. champlaini Frost 12–245 Conn. Pa.
29. imbellis Cr. 73–94 Mass.Fla.Tex.
30. abditus Horn 91–332 Nev.
31. fallax Say 36–163 Ind. Can. Tex.
zemes Gory 41–234 M. & W. St.
impressipennis Uhler 55–416
32. scitulus Horn 91–318 Tex.
33. mercurius Wickh. 03–70 N. Mex.
34. blandus Horn 91–321 Ariz.Cal.So.
35. abjectus Horn 91–321 Tex. [Cal.
36. subcinctus Gory 41–252 N.Y.Can.Ill. N. C. Ind.
37. putillus Say 39–163 N.E.U.S.Ind.
38. jacobinus Horn 91–314 Cal. So. Cal.
illectus Fall 01–242 Cal. So. Cal.
39. otiosus Say 36–163 Ind.Can.-Tex.
geminatus (Say) 23–163 ♀ M. & W. St.
virens Gory 41–259 [Kan.

Agrilus Steph.

9540. sinuatus (Oliv.) 90–74 †Eur. & N.J.†
chryseis (Curtis) 25–67
41. cratægi Frost 12–247 Pa.
42. politus (Say) 25–241 Me.-Kan.U.S. Ind.
cupreolus Lec. 59–248 Kan.So.Cal. Ariz.
plumbeus Lec. 59–247 M. & W.St.
desertus || Lec. 59–249 So.Cal.[L.Sup.
solitarius Harold 69–1445
43. burkei Fisher 17–287 Cal.
44. impexus Horn 91–327 Ark. Neb.
45. floridanus Cr. 73–94 Fla.
46. dolli Schffr. 04–210 Tex.
47. obsoletoguttatus Gory 41–256 Me.-Ill. Ind.
nigricans Gory 41–257
interruptus Lec. 59–246 S. & W. St.
48. vittaticollis Rand. 38–38 Me.-Ill.
frenatus Gory 41–239
49. audax Horn 91–300 Tex.
50. pinalicus Wickh. 03–69 Ariz.N.Mex.
51. granulatus (Say) 23–162 Kan.N.Eng. N. C. Mo.
quadriguttatus Gory 41–228 M. S. W. St.
aleus Gory 41–250
52. abstersus Horn 91–324 So. Ariz.
53. lecontei Saunders 71–117 Can.-Tex.Ind.
subfasciatus || Lec. 59–245 Ill.
54. palmacollis Horn 91–326 Tex. Ariz.
55. gibbicollis Fall 01–241 So. Cal.
56. abductus Horn 91–325 Tex.
57. felix Horn 91–326 Ariz.
58. ornatulus Horn 91–319 S. W. Tex.
59. ventralis Horn 91–320 N. Mex.
60. subtropicus Schffr. 05–131 Tex.

Rhæboscelis Chev. 37–203

9561. tenuis Lec. 63–82 E.U.S.Fla.
62. texana Schffr. 04–211 Tex.

Pachyschelus Sol. 33–313
(*Metonius* Say 36–264)

9563. carbonatus Lec. 59–252 La.
64. purpureus (Say) 36–164 E.U.S.Ind.
americanus Gory 41–346 M. & W. St.
65. schwarzi Kerr. 92–298 Fla. Ga.
cæruleus || Sz. 78–364
66. oculatus Schffr. 09–377 Ariz.
67. ovatus (Say) 25–252 E.U.S. Fla.
lævigatus (Say) 36–164 Conn. Ind.
punctatus (Gory) 41–347
politus Kerr. 96–322

Brachys Sol. 33–312

9568. tessellatus (Fab.) 01–218 E. U.S. Fla.
lævicauda Lec. 59–252 Pa. [Ind.
lugubris Lec. 59–251 M. & S. St.
69. fasciferus Sz. 78–363 Fla.
70. floricola Kerr. 00–347 Fla.
71. cephalicus Schffr. 09–377 Ariz.
72. aerosus Melsh. 46–148 Ind.
terminans † Cast. 39–3 E. U. S.
73. æruginosus Gory 41–355 E.U.S.Ind.Fal.
74. ovatus (Web.) 01–76 Fla. E. U. S. Ind.

† Introduced.

Brachys Sol.
aurulentus Kby. 37–162 M. S. W. St.
tessellatus Cast. 39–3
prætexta Gory 40–332
molestus Gory 41–232
9575. flaccosus Mann. 37–118 Mex. & Ariz.
horni Kerr. 96–324 Kan.
76. cuprascens Blatch. 13–23 Fla.

Taphrocerus Sol. 33–314
9577. puncticollis Sz. 78–363 Fla.
78. gracilis (Say) 25–253 Fla.E.U.S.Ind.
alboguttatus (Mann.) 37–120 (So. Cal.?)
79. agriloides Cr. 73–76 Tex. Fla.
texanus Kerr. 96–312 Tex.
80. lævicollis Lec. 78–403 Fla.
cylindricollis Kerr. 96–312 Pa.

MASTOGENIINI

Mastogenius Sol. 50–507
(*Haplostethus* Lec. 59–253)
9581. robustus Schffr. 05–148 Ariz.
82. puncticollis Schffr. 18–213 Ariz.
83. impressipennis Fall 06–167 L. Cal.
84. subcyaneus (Lec.) 59–254 N. J. Ind. Fla. M. S. W. St. Conn.

Trigonogya Schffr. 18–213
9585. reticulaticollis (Schffr.) 04–210 Tex.

DRYOPOIDEA

Leconte 52; Horn 70; Zaitzev 08, 10

PSEPHENIDÆ

Psephenus Hald. 53–34
(*Fluvicola*‡ DeKay 44–53)
(*Eurypalpus* || Lec. 52–41)
9586. lecontei (Lec.) 50–241 E. U. S. R.I.
herricki DeKay 44–53 [N.Y.-Ind.
trentonensis Zimm. 69–259 [Can.-D.C.
[Mich.

Psephenus Hald.
9587. falli Csy. 93–579 Cal. So. Cal.
88. haldemani Horn 70–30 Cal.
89. veluticollis Csy. 93–579 Cal.

DRYOPIDÆ (*Parnidæ*)

POTAMOPHILINI

Lara Lec. 52–42
9590. avara Lec. 52–42 Cal.

Phanocerus Sharp 82–128
9591. clavicornis Sharp 82–129 Guat. Tex.

DRYOPINI

Lutrochus Er. 47–509
9592. luteus Lec. 52–42 Tex.
93. laticeps Csy. 93–580 Mich. O. Ind. D. C.

Throscinus Lec. 74–51
9594. crotchi Lec. 74–52 So. Cal.
95. politus Csy. 89–162 Tex.
96. schwarzi Schffr. 04–197 Tex.

Pelonomus Er. 47–510
9597. obscurus Lec. 52–42 Tex. La. Fla.
98. rufescens Csy. 93–581 Fla.

Oberonus Csy. 93–581
9599. obesus Csy. 93–581 Tenn.

Narpus Csy. 93–582
9600. angustus Csy. 93–583 Cal.

Dryops Oliv. 91–297
(*Parnus* Fab. 92–245)
9601. arizonensis Schffr. 05–126 Ariz.

Helichus Er. 47–510
9602. productus Lec. 52–43 So. Cal. Ariz.
03. lithophilus (Germ.) 24–88 Can. E. U. S. Ind.
04. fastigiatus (Say) 24–275 Can.-La. Ct.-
basalis Lec. 52–43 [Ill.Ind.
05. striatus Lec. 52–43 Can. U.S. Cal.
foveatus Lec. 52–43 Mich. Nev. Ariz.
06. suturalis Lec. 52–43 So. Cal. Ariz.
gilensis Lec. 52–43
æqualis Lec. 54–81

HELMIDÆ (*Elmidæ*)

HELMINI

Stenelmis Duf. 35–158

9607. linearis Zimm. 69–259 S. C.
?humerosa Mots. 59–50 Ala.
08. sinuata Lec. 52–44 Ga.
09. crenata (Say) 24–275 E. U. S. Nfld.
10. bicarinata Lec. 52–44 Ind. O.Fla.
11. quadrimaculata Horn 70–40 Vt.
?maerkeli Mots. 59–50 Tenn.
12. vittipennis Zimm. 69–259 Tex. S. C. Ill. Man.
13. nubifera Fall 02–238 Cal. So. Cal.
14. sulcata Blatch. 10–681 Ind
— sordida Mots. 59–51 Pa.
— elongata Mots. 59–51 N.Am.

Helmis Latr. 98–398
(*Elmis*‡ auct.)

9615. vittata Melsh. 44–99 M.St. N.Y.
16. concolor Lec. 81–75 [Ind. Man.
17. bivittata Lec. 52–44 Wis.
18. quadrinotata Say 25–187 M.St. Can.
19. corpulenta Lec. 74–52 B.C. [Mich.
20. divergens Lec. 74–52 B.C. So.Cal.
21. abnormis Horn 70–38 Ariz. L.Cal.
22. pusilla (Lec.) 52–44 M.St. Can.
23. foveata Lec. 74–53 So.Cal.
24. similis Horn 70–38 Ariz.
25. ferruginea Horn 70–39 Tex.
26. caesa Lec. 74–53

Helmis Latr.

9627. addenda Fall 07–226 N.Mex.
28. antennata Fall 07–227 N.Mex.
29. columbiensis Angell 92–84 B.C.
30. pecosensis Fall 07–226 N.Mex.
30½. ornata Schffr. 11–120 Mont.

Elsianus Sharp 82–131

9631. texanus Schffr. 11–119 Tex.
32. moestus Horn 70–37 Ariz.
angustus Lec. mss.

Limnius Er. 47–522

9633. elegans (Lec.) 52–43 Vt.
34. fastiditus (Lec.) 50–217 Can. L.Sup. Man.
35. ovalis (Lec.) 63–74 Pa. Ind.
36. quadrimaculatus (Horn) 70–37 Cal.
?scriatus (Lec.) 74–52

Heterelmis Sharp 82–130

9637. nitidulus (Lec.) 66–380 N.Y.
38. latiusculus (Lec.) 66–380 Pa.
39. glabra Horn 70–37 Ariz.
a. vulnerata Lec. 74–53 Ariz. Tex.

Macronychus Müll. 06–207

9640. glabratus (Say) 25–187 Pa. N.Y. N.J.
lateralis Melsh. 44–99 [D.C.
41. parvulus Horn 70–41 Cal. So.Cal.

ANCYRONYCHINI

Ancyronyx Er. 47–522

9642. variegatus (Germ.) 24–89 Vt.M.St.Tenn.
cinctus (Say) 25–186

Ancyronyx Er.

parumoculatus Hardy 53–270

HETEROCERIDÆ

Horn 90; Zaitzev 10

Heterocerus Fab. 92–262
(*Heterocerus* s. str.)

9643. gnatho Lec. 63–74 So.Cal. Ariz.
labiatus Lec. 63–75
labratus Lec. 63–35
?vclutinus Sharp 87–773
44. pallidus Say 23–199 Kan.Tex.Ariz.
45. ventralis Melsh. 44–98 Pa.N.Y.O.Ind.
labiatus Kies. 51–282 [Conn.
46. undatus Melsh. 44–98 Can.-Wy. Ind.
a. cuniculus Kies. 51–283
b. miser Kies. 51–290
substriatus Kies. 51–290 Mich.
c. mollinus Kies. 51–289
fatuus Kies. 51–292 Fla.
47. gemnatus Horn 90–9 Wash.-Nev. So.Cal.

Heterocerus Fab.

9648. brunneus Melsh. 44–91 N.S.-Cal. Ind. Fla.
49. schwarzi Horn 90–11 Pa.L.Sup.Tex. Man.
50. collaris Kies. 51–292 Pa.-Fla.-Ariz.
vilis Sharp 87–773 Ind. So.Cal.
?mexicanus Sharp 82–118 [Man.
51. tristis Mann. 53–218 Alas.-Pa. Ind.
52. pusillus Say 23–200 Ill.-Mex. Ind. Fla. So.Cal. Ariz. Man.
limbatus Kies. 43–215
luteolus Lec. 63–75
americanus Sharp 87–772
(*Litorimus* Gozis 85–120)
53. auromicans Kies. 51–287 Can.-Tex. Ind.

GEORYSSIDÆ

Zaitzev 10

Georyssus Latr. 09–377

9654. pusillus Lec. 52–44 Neb.

Georyssus Latr.

9655. californicus Lec. 74–51 Cal.

DASCILLOIDEA

DASCILLIDÆ

Leconte 52; Horn 80; Pic 14

DASCILLINÆ

MACROPOGONINI

Macropogon Mots. 45–38
9656. testaceipennis Mots. 59–362 Cal.
57. piceus Lec. 61–349 Mich. Or. Mont.
58. rufipes Horn 80–79 N.H. Ill.

Eurypogon Mots. 59–363
(*Dasypogon* Lec. 61–170)
(*Sclerodes* Westw. 62–374)

Eurypogon Mots.
9659. niger (Melsh.) 46–309 Pa.-Kan. Ind.
harrisi (Westw.) 62–374 [Mich.
lineatopunctatus Harris 34–mss.
60. californicus Horn 80–80 Cal.
61. confusus Fall 02–239 So.Cal.

Allopogonia Ckll. 06–241
(*Allopogon* || Horn 80–80)
9662. villosus Horn 80–81 Cal. So.Cal.

ANCHYTARSINI

Anchytarsus Guér. 43–194
9663. bicolor (Melsh.) 46–221 N.Y.-Ga.
ater Guér. 49–15

Anchytarsus Guér.
debilis (Zieg.) 46–269
fragilis‡ Horn 80–112

CNEOGLOSSINI

Odontonyx Guér. 43–194
9664. trivittis (Germ.) 24–76 M.St.
ornata (Melsh.) 46–220

Anchycteis Horn 80–87
9665. velutina Horn 80–87 Cal.

Stenocolus Lec. 53–228
9666. scutellaris Lec. 53–229 Cal.

Araeopidius Ckll. 06–241
(*Araeopus* || Lec. 74–57)
9667. monachus Lec. 74–57 Or.

DASCILLINI

Dascillus Latr. 96–43
(*Atopa* Payk. 99–116)
(*Petalon* Cast. 40–258)

Dascillus Latr.
9668. davidsoni Lec. 59–283 Cal.
69. plumbeus Horn 80–84 Cal.

GENECERINI

Anorus Lec. 59–86
9670. piceus Lec. 59–87 So. Cal.

Anorus Lec.
9671. parvicollis Horn 94–365 L. Cal. Ariz.

BRACHYPSECTRINI

Brachypsectra Lec. 83–170
9672. fulva Lec. 83–170 Tex.

EUBRIINÆ

Dicranopselaphus Guér. 61–531
9673. variegatus Horn 80–97 Ill. Md.

Ectopria Lec. 53–351
(*Eurea* Lec. 53–354)
(*Eubria*‡ Zieg. 44–222)
9674. nervosa (Melsh.) 44–222 Mass.-Ga.-O. [Ct. Ind.
a. tarsalis Lec. 53–352
b. thoracica (Zieg.) 44–269

Ectopria Lec.
tibialis Lec. 53–352

Acneus Horn 80–97
9675. quadrimaculatus Horn 80–98 Cal.

Eubrianax Kies. 74–246[1]
(*Placonycha* Horn 80–111)
9676. edwardsi (Lec.) 74–57 Cal. So. Cal.

EUCINETINÆ

Eucinetus Germ. 18–255
(*Hamaxobium* Duft. 25–79)
(*Nyctæa* Berth. 27–338)
(*Nycteus* Blanch. 45–56)

9677. infumatus Lec. 53–356 Cal. So. Cal.
78. oviformis Lec. 66–88 Ill. Va. O. Mich.
79. testaceus Lec. 66–88 Can.-Pa.

[1] This genus may be incorrectly placed. The larva resembles that of *Psephenus*.

Eucinetus Germ.
9680. punctulatus Lec. 75–172 Mich. Va.
81. morio Lec. 53–357 Ill.Va.Ga.Ind.
82. terminalis Lec. 53–357 Vt. Ill. Ind. Mich. Man.

Eucinetus Germ.
9683. strigosus Lec. 75–171 Pa. O.

Euscaphurus Csy. 85–328
9684. saltator Csy. 85–329 Cal.

HELODIDÆ (=*Cyphonidæ*)

Leconte 53; Horn 80 (*Dascyllidæ*); Pic 14

HELODINÆ

Helodes Latr. 96–44 ('Elodes)
(*Helodes* Duv. 61–150)
(*Sacodes* Lec. 53–356)
(*Hemicyphon* Lec. 66–501)
9685. apicalis Lec. 66–87 Cal. So. Cal.
86. maculicollis Horn 80–104 Can. N.H. Pa.
87. pulchella Guér. 43–13 Conn.-Tex.
88. fuscipennis Guér. 43–9 Pa.-Tex. [Ind.
thoracicus (Melsh.) 46–222
89. thoracica Guér. 43–14 Can.-Ga. Ind.

Microcara Thoms. 59–107
9690. explanata Lec. 66–87 Can. Mich.

Cyphon Payk. 99–117
9691. robustus Lec. 75–171 N. Y.
92. ruficollis (Say) 25–162 Conn.Ga.Kan.
?fragilis (Zieg.) 44–269 [Ind. Nfld.
marginicollis (Guér.) 43–3
a. oblongus (Guér.) 43–13
93. brevicollis (Lec.) 66–88 Or. Cal.
94. exignus Horn 80–107 Cal. So. Cal.
95. concinnus (Lec.) 53–353 Cal. Nev. So. Cal.
96. obscurus (Guér.) 43–4 Can. Ga. Ind.
pallipes (Lec.) 53–354
97. collaris (Guér.) 43–4 Mass.Ga. Ind.
bicolor (Lec.) 53–355
98. variabilis (Thunb.) 85–54 Ind. H. B. T. Fla.Tex.Vanc. So. Cal. Conn.
fuscipes Kby. 37–245 Eur. Sib. Alas.
modestus (Lec.) 53–355 Fla. [Mich.
ovalis Say 25–161
piceus (Lec.) 53–354 Mich.

Cyphon Payk.
punctatus (Lec.) 53–354 Fla.
a. nebulosus (Lec.) 53–355 Mich.
9699. padi (L.) 58–369 Mass.Ind. Fla. Can. Eur. Sib. Mich.
pusilla (Guér.) 43–8
9700. americanus Pic 13–164 Fla.
impressus || Lec. 78–57
01. perplexus Blatch. 14–89 Fla.
02. coarctatus Payk. 99–120 Eur.& N.Am.?

Prionocyphon Redt. 58–517
9703. discoideus (Say) 25–161 Pa. Mo. Ga. Ind. Mich.
04. limbatus Lec. 66–87 Pa. Ga.

Ora Clark 65–385
9705. troberti Guér. 61–545 Tex. Fla.
06. texana Champ. 97–604
troberti‡ (Horn) 80–102 Tex.
07. hyacintha Blatch. 14–88 Fla.

Scirtes Ill. 07–301
9708. tibialis Guér. 43–3 No. St. Can.
solstitialis Melsh. 44–223 [Ind.Fla.
09. orbiculatus (Fab.) 01–503 M.St.-M.Mex.
centralis (Say) 24–88 [Ind.
lateralis Lec. 53–356
a. ruficollis Lec. 68–53
b. suturalis Zieg. 46–44
10. californicus Mots. 45–35 Cal.
11. plagiatus Schffr. 06–115 Ariz.
12. humeralis Horn 95–244 L. Cal.

PTILODACTYLINÆ[1]

Lachnodactyla Champ. 97–658
9713. arizonica Schffr. 06–114 Ariz.
14. texana Schffr. 06–114 Tex.

Ptilodactyla Ill. 07–342
9715. angustata Horn 80–91 Fla.

Ptilodactyla Ill.
9716. serricollis (Say) 23–186 M.St.Fla.Ind.
elaterina Guér. 29–45 [Conn.Mo.
fusca (Melsh.) 46–221

CHELONARIIDÆ

Chelonarium Fab. 01–101
9717. lecontei Thom. 67–84 Fla.

[1] Out of place here, but difficult for the author to place better elsewhere.

DERMESTIDÆ

Leconte 54; Jayne 82; Casey 00; Dalla Torre 11; Arrow 15

BYTURINÆ

Gronvelle 13

Byturus[1] Latr. 96–69
(*Trixagus* Kug. 94–534)
(*Horticola* Lindem. 65–148)

9718. unicolor Say 23–127 Ariz. Wash. Atl.St. Ind.

Byturus Latr.

9719. brevicollis Csy. 16–179 ?
20. punctatus Csy. 16–178 D.C.
21. grisescens Jayne 82–345 Cal. (Nfld.?)
22. inflatulus Csy. 16–177 Cal.

THYLODRIINÆ

Thylodrias[1] Mots. 39–75
(*Thelydrias* G. & H. 68–1704)
(*Ignotus* Slosson 03–183)

Thylodrias Mots.

9723. contractus Mots. 39–76 Cosmop.
ænigmaticus Slosson 03–183 N. Y.

DERMESTINÆ

Dermestini

Dermestes L. 67–561

9724. marmoratus Say 23–197 Tex.-Cal. Ariz.
25. caninus Germ. 24–84 Ind. Atl. St. Can. Fla. Ariz.
nubilus Say 32–3
dissector Kby. 37–115
murinus Lec. 54–108 (nec L.)
tessellatus || Hbst. 92–122
a. compactus Csy. 00–141 Tex.
b. mannerheimi Lec. 54–107 Pac.Coast Ariz.
c. nubipennis Csy. 00–141 Ia.-Fla.
nubilus Lec. 54–107 (nec Say)
26. cylindricus Csy. 16–181 Mass.
27. rattus Lec. 54–108 Or.
28. tristis Fall 97–244 So.Cal.Is.
medialis Csy. 00–141 Cal.
29. fasciatus Lec. 54–107 Wy.-N.Mex.
30. talpinus Mann. 43–257 Id.Nev. Cal. Ind. Ariz.
31. carnivorus Fab. 75–55 Tex. Ariz. So.
mucoreus Lec. 54–108 [Cal.Cosmop.

Dermestes L.

?sobrinus Lec. 54–108
9732. vulpinus Fab. 81–64 Cosmop. Ind. Conn. Fla. So. Cal. Ariz.
maculatus‡ Sz. 78–444
33. truncatus Csy. 16–180 Ariz.
34. frischi Kug. 92–478 †Eur.& N.Am. Fla. N.J.Va. Ia.
35. nidum Arrow 15
elongatus || Lec. 54–109 S.&W.St. Ind. Fla.
36. cadaverinus Fab. 75–55 Cosmop. Fla.
a. domesticus Germ. 24–83 Sib. & N.Am.
37. lardarius L. 58–354 Greenl.† Cosmop. Ind.
a. ?conjunctus Reit. 87–173 H.B.T. [Lab.
38. signatus Lec. 74–50 Vanc. N.Mex.
39. pulcher Lec. 54–108 S.M.W.St.Ill.
40. angustus Csy. 00–143 Tex.

Attagenini

Attagenus Latr. 02–121
(*Megatoma* Guér. 29–65 nec Herbst)

9741. pellio L. 58–355 †Eur.& N.Am. R.I.N.S.Can. Mich. N.Y. Greenland.†
42. piceus Oliv. 90–10 So.Cal.Eur.& N.Am. Ind. Atl.-Pac.
megatoma Fab. 98–71
43. schaefferi Hbst. 92–93 Eur. &N. Am.
44. extricatus Csy. 00–146 Pa. [Id.Wy.
45. deficiens Csy. 00–146 D.C. Va.
46. cylindricornis Say 25–185 Ia. Neb.
spurcus Lec. 54–109 ♀ Mo.

Attagenus Latr.

9747. rufipennis Lec. 59–71 Ut.-Cal.
48. bicolor Harold 68–104 Ia.
dichrous || Lec. 54–110 ♂
49. elongatulus Csy. 00–147 Neb.-Ut.
50. canadensis Csy. 16–183 Can.
51. atrolucens Csy. 16–183 Ind.
52. nigripes Csy. 16–184 Cal.
53. sparsus Csy. 16–184 N.Mex.

Dearthrus Lec. 62–108

9754. longulus Lec. 63–73 Atl. St. Ind.

Novelsis Csy. 00–148

9755. horni (Jayne) 82–356 Ariz.-Pac.

[1] The correct position of these genera is doubtful; it seems best to isolate Thylodrias, at least as a subfamily, to be consistent with rank assigned to the others.

† Introduced.

Novelsis Csy.

9756. byturoides Csy. 00–148 Ariz.
57. perplexus (Jayne) 82–356 Nev.
58. uteana Csy. 00–148 Ut.
59. picta Csy. 00–149 Ariz.

Novelsis Csy.
(*Paranovelsis* Csy. 00–148)

9760. varicolor (Jayne) 82–357 Ariz.-Pac.

MEGATOMINI

Perimegatoma Horn 75–135

9761. jaynei Csy. 00–150 Cal.
62. guadalupensis Csy. 00–150 Guad.
63. ampla Csy. 00–150 Cal.
64. variegata Horn 75–136 Cal.
65. nevadica Csy. 00–150 Nev.
66. impressa Csy. 00–150 Utah
67. monticola Csy. 00–151 Wy.
68. falsa Horn 75–136 Cal.
— ?cylindrica (Kby.) 37–113 H.B.T.
— ?angularis (Mann.) 53–216 Alas.

*

69. belfragei (Lec.) 74–50 Tex.

Trogoderma Latr. 29–511

9770. ornata Say 25–185 Ia.Ind.So.Cal.
pusilla Lec. 54–111 [Conn.
pallipes Zieg. 44–269
71. serriferum Dalla Torre 11–70
serrigera || Csy. 00–153 Tex.
72. procera Csy. 16–185 L. I.
73. parvula Csy. 16–186 Va.
74. tarsalis Melsh. 44–116 Conn. L.I. Pa.
75. pollens Csy. 00–153 Cal. [Va.
76. complex Csy. 00–153 Tex.
77. caseyi Arrow 15–429
variipes || Csy. 00–153 Cal.
78. sternalis Jayne 82–363 Cal.-Tex.Ariz.
79. cylindrella Csy. 16–187 N. Mex.
80. simulans Csy. 00–153 So. Cal.
81. virginica Csy. 00–154 Va.
82. oblongula Csy. 00–154 Tex.
83. plagifera Csy. 16–187 Colo.
84. aspericollis Csy. 00–154 Ariz.
85. versicolor Creutz. 99–117 Cosmop.
inclusa Lec. 54–110 Mass.-S.C.
86. frosti Csy. 16–188 Mass. [Ind.
87. nigrescans Csy. 16–188 Mo.
88. brunnescens Csy. 16–189 D.C.
89. scabripennis Csy. 16–189 D.C.
90. brevis Csy. 00–154 Cal.
91. obsolescens Csy. 00–154 Ind. Mo.
92. advena Csy. 00–154 Ariz.
93. fascifera Blatch. 14–67 Fla.

*

94. simplex Jayne 82–362 W.St. Ariz.

Acolpus Jayne 82–360

9795. primus Jayne 82–361 Tex. Fla.

Thaumaglossa Redt. 68–43
(*Axinocerus* Jayne 82–367)

9796. americana Jayne 82–368 Tex. Ariz.

Cryptorhopalum Guér. 38–67

9797. filitarse Csy. 00–156 Cal.
98. reversum Csy. 00–156 N.Mex.
99. tuckeri Csy. 16–192 Ariz.
9800. coloradense Csy. 16–192 Colo.
01. pruddeni Csy. 00–156 Ariz.
02. insigne Csy. 16–191 N.Mex.
03. balteatum Lec. 54–111 Ariz. So.Cal.
04. festivum Csy. 00–156 Tex.
05. hæmorrhoidale Lec. 24–170 Mo. Kan. Fla. Tex. Ind.
06. pallens Csy. 16–193 Tex.
07. anthrenoides Csy. 16–194 Ariz.
08. apicale Mann. 43–258 Or. So.Cal. Nev. Ariz.
09. fontinale Csy. 16–194 N.Mex.
10. dorcatomoides Csy. 00–157 Ariz.
11. obesulum Csy. 00–157 Tex.
12. granum Csy. 00–157 Ariz.
13. anthrax Csy. 00–157 Ariz.
14. caseyi Dalla Torre n.m.
affine || Csy. 00–157 Cal.
15. piceum Csy. 16–198 Cal.
16. ruficorne Lec. 54–111 Ga. N.C. Fla.
17. fusculum Lec. 54–111 Ariz. Cal.
18. modestum Csy. 00–157 Tex.
19. fusciclave Csy. 00–157 Tex. Ut.
20. uteanum Csy. 16–195 Utah
21. nephianum Csy. 16–196 Utah
22. aridum Csy. 16–196 Ut. & Cal.
23. pumilum Csy. 00–157 Ariz.
24. triste Lec. 54–111 Cal. Fla.?
nigricorne Lec. 61–344 [Ariz.?
25. picicorne Lec. 54–111 Mass. Pa. Ind.
26. grisescens Csy. 16–195 Ariz.
27. bakeri Csy. 16–197 Cal.
28. floridanum Csy. 16–198 Fla.

ANTHRENINI

Anthrenus Fab. 75–61

9829. scrophulariæ (L.) 58–356 † Eur. & N.Am. So.Cal. Ind.
a. flavipes Lec. 54–112 N.Y.
9830. thoracicus Melsh. 46–117 Pa.-Tex. Ind.
31. occidens Csy. 00–160 Cal. So.Ill.
nevadicus Csy. 00–160 Nev.
a. pictus Csy. 00–160 Cal.
32. lepidus Lec. 54–122 Cal.
suffusus Csy. 00–160 Cal.
a. obtectus Csy. 00–160 Cal.
b. conspersus Csy. 00–160 Cal.
33. acomanus Csy. 16–200 N.Mex.
34. parvus Csy. 00–161 Tex.

Anthrenus Fab
(*Nathrenus* Csy. 00–161)

9835. verbasci (L.) 67–568 †Eur. & N.Am. So.Cal. Ind.
varius Fab. 75–60 Ariz. (Fla.?)
a. pistor Csy. 00–161 Va.
b. vorax Csy. 00–161 Ind.
c. destructor Melsh. 46–116 Ia.
36. fasciatus Herbst 97–337 †Eur. & N.Am.
a. seminiveus Csy. 16–199 D.C. [Ga.

(*Florilinus* Muls. & Rey 67–141)

37. museorum (L.) 61–145 Greenl. †Eur. & N.Am.

† Introduced.

Anthrenus Fab.
9838. castaneæ Melsh. 46–116 Pa. Ind.
?adspersus Herbst 97–332 N.Am.
carolinæ Csy. 00–162 N.C.
a. angustulus Csy. 00–162 Tex.
39. caseyi Dalla Torre n.n.

Anthrenus Fab.
rotundulus || Csy. 00–162 N.Y.
(*Helocerus* Muls. & Rey 67–141)
9840. fuscus Latr. 07–39 Eur. & N.Am.
claviger Er. 46–458 [Pa.

TRINODINI

Apsectus Lec. 54–113
9841. hispidus (Melsh.) 46–117 Tex.

ORPHILINI

Orphilus Er. 46–461
9842. æqualis Csy. 00–164 Ariz. Or.
43. submitidus Lec. 61–344 Cal.-Colo.
44. ater Er. 46–463 Ind. L.Sup.-
45. chalybeus Csy. 00–164 Id. [Ga.

Orphilus Er.
9846. niger (Rossi) 90–39 Eur. & N.Am.
So.Cal.?
glabratus (Fab.) 01–109 Fla. Atl.-Pac.
Ariz.

BYRRHIDÆ

Leconte 54; Horn 79; Dalle Torre 11; Casey 89, 12

NOSODENDRINÆ[1]

Nosodendron Latr. 04–146
(*Dendrodipnis* Woll. 73–33)
9847. unicolor Say 24–274 N.Ill. Kan. Ind.

Nosodendron Latr.
9848. californicum Horn 74–22 Cal. So.Cal

BYRRHINÆ

Ganglbauer 02

PEDILOPHORINI

Morychus Er. 47–491
(*Pedilophorus*‡ auct.)
9849. oblongus (Lec.) 57–39 Or.Wash.D.C.
acuminatus‡ (Lec.) 54–115
50. iusulsus Csy. 12–8 B.C.
51. subsetosus (Fall) 07–224 Mont.
52. aeneolus (Lec.) 63–74 Neb.
53. hesperus (Wickh.) 03–182 Colo.
54. subcupreus (Fall) 07–225 Wash.
55. lateralis (Fall) 07–225 N.Mex.

Tylicus Csy. 12–10
9856. subcanus (Lec.) 78–609 L.Sup. (Lab.?)

Listemus Csy. 12–11
9857. acuminatus (Mann.) 52–341 Alas.
58. formosus Csy. 12–12 No.Cal.
59. satelles Csy. 12–13 No.Cal.

Eusomalia Csy. 12–13
9860. lecontei (Wickh.) 03–180 Id.

SIMPLOCARIINI

Simplocaria Steph. 30–139
9861. columbica Csy. 12–15 B.C.
62. tessellata (Lec.) 50–224 L.Sup. N.H.

Simplocaria Steph.
?metallica Sturm 07–111 Eur.&Bor. Am.Greenland,Lab.Alas. N.H. L.Sup.
9863. subnuda Csy. 12–16 Colo.

BYRRHINI

Cytilus Er. 47–489
9864. alternatus (Say) 25–186 N.H.-L.Sup. Man.
trivittatus (Melsh.) 44–117 H.B.T. Ind.
?sericeus Forst. 71–16 Eur.Pa. Nfld.
a. mimicus Csy. 12–18 Cal.
b. longulus Csy. 12–18 Colo.-B.C.
65. nigrans Csy. 12–19 Nfld.

Byrrhus L. 67–568
9866. pettiti Horn 70–76 Ind. Can.
67. cyclophorus Kby. 37–117 Alas.Lab.
68. brunnescens Csy. 12–21 L.Sup. [Mich.
69. americanus Lec. 50–224 N.J.-L.Sup. Ind. Lab.
a. neglectus Csy. 12–22 N.H.
b. manitobæ Csy. 12–22 Man.

[1] The affinities of Nosodendron are not entirely established; it has been placed in Cucujoidea as a family near Ostomidæ by some authors.

Byrrhus L.
9870. imperitus Csy. 12–22 Lab.
71. angustulus Csy. 12–22 Man.
72. concolor Kby. 37–117 B.C.
a. pacificus Csy. 12–23 Wash.
73. geminatus Lec. 54–114 Ill. L.Sup.
74. perditus Csy. 12–24 Or. ?Lab.
75. criddlei Csy. 12–24 Man.
76. torpidus Csy. 12–25 Lab.
77. callidus Csy. 12–25 Or.
78. laramiensis Csy. 12–26 Wy. Man.
79. rigens Csy. 12–26 Wis.
80. eximius Lec. 50–224 L.Sup.
81. canterius Csy. 12–27 Colo.
82. centralis Csy. 12–27 Id.
83. explicatus Csy. 12–27 Colo.
84. fulvovestitus Csy. 12–28 Or.
85. stolidus Csy. 12–28 Wash.
86. difficilis Csy. 12–29 N.H.
87. egenus Csy. 12–29 B.C.
88. fasciatus Forst. 71–12 Greenland. Alas.
89. kirbyi Lec. 54–114 L.Sup. Lab.
picipes || Kby. 37–116 [Nfld.

Byrrhus L.
9890. vafer Csy. 12–30 Colo.
91. wickhami Csy. 12–31 Id.
92. consuetus Csy. 12–31 B.C.

Porcinolus Muls. 69–94
9893. undatus (Melsh.) 44–117 Pa. Ind. N.Y.
glabellus (Melsh.) 44–118 Pa. Mich.
?murinus (Fab.) 94–437 Eur. Sib.
a. hystrix Csy. 12–33 Man.
94. crescentifer Csy. 12–32 Kan.

Syncalypta Steph. 30–133
9895. spinosa (Rossi) 94–81 †Eur.&N.Am. N.Y. Conn.

Curimopsis Gangl. 02–50
9896. albonotata (Lec.) 61–344 Wash.
97. strigosa (Melsh.) 44–118 Ga. D.C.
98. echinata (Lec.) 50–224 L.Sup. Man.
99. setulosa (Mann.) 53–216 Alas.
9900. grisea (Lec.) 79–514 Colo.
01. brevicollis Csy. 12–35 Wash.

EXOMELLINI

Exomella Csy. 14–378
(*Exoma* || Csy. 08–282)

Exomella Csy.
9902. pleuralis Csy. 08–282 B.C.

LIMNICHINÆ

LIMNICHINI

Limnichites Csy. 89–146
(*Limnichus*‡ auct.)
9903. nebulosus (Lec.) 79–515 So.Cal. Tex.
04. densissimus Csy. 12–41 Cal.
05. punctatus (Lec.) 54–116 Ind.Pa. Ia. La.
olivaceus (Lec.) 54–116 Ill.Mich. [Tex.
06. virginicus Csy. 12–42 Va.
07. austinianus Csy. 12–42 Tex.
08. perforatus Csy. 89–155 Cal.
09. foraminosus Csy. 12–43 Tex.
10. huronicus Csy. 12–44 Mich.
olivaceus‡ Csy. 89–154

Eulimnichus Csy. 89–146
9911. analis (Lec.) 79–515 Cal.Tex.Ariz.
a. rugiceps Csy. 12–47 Ariz.
b. coloradensis Csy. 12–47 Colo.
12. californicus (Lec.) 79–515 Cal. So.Cal.
13. obscurus (Lec.) 54–116 N.Y. Fla.
14. montanus (Lec.) 79–515 Colo.

Eulimnichus Csy.
9915. perpolitus Csy. 89–147 Miss.-N.Mex.
16. evanescens Csy. 12–49 So.Cal.[So.Cal.
17. ater (Lec.) 54–117 N.C. Fla. La.
18. nitidulus (Lec.) 54–117 Ga. Fla. Ind.
19. sculpticeps Csy. 12–50 R.I.

Lichminus Csy. 89–146
9920. tenuicornis Csy. 89–155 No.Cal.So. Cal.

Limnichoderus Csy. 89–146
9921. naviculatus Csy. 89–156 Tex.-So.Cal.
22. pulvereus Csy. 12–54 Tex.
23. ovatus (Lec.) 54–117 Ga.-La.-Fla.
24. seriatus Csy. 89–158 Fla. [Ind.
25. floridanus Csy. 12–55 Fla.
26. lutrochinus (Lec.) 79–515 Tex.
27. lanosus Csy. 12–56 Tex.
28. punctiventris Csy. 89–159 Fla.

BOTHRIOPHORINI

Physemus Lec. 54–117
(*Ditaphrus* Csy. 86–250)
(*Bothriophorus*‡ auct.)

Physemus Lec.
9929. minutus Lec. 54–117 Tex.-So.Cal.
scymnoides Csy. 86–252 Tex. [Ariz.

AMPHICYRTINÆ

AMPHICYRTINI

Lioligus Csy. 12–60
9930. striolatus Csy. 12–61 B.C.
31. keeni Csy. 12–61 B.C.
32. æquabilis Csy. 12–62 Vanc.
33. pallidus Csy. 12–62 Id.
34. nitidus (Mots.) 45–362 Alas.

Amphicyrta Er. 43–39
(*Eucyphus* Mann. 52–341)
9935. chrysomelina Er. 43–40 Cal.
a. oblonga Csy. 12–64 Cal.
b. parvuliceps Csy. 12–65 Cal.
36. elongata Csy. 12–65 Cal.

Amphicyrta Er.
9937. dentipes Er. 43–40 Cal. So.Cal.
hybosoroides (Mann.) 43–287
38. gentilis Csy. 12–66 Cal.

Amphicyrta Er.
a. ventricosa Csy. 12–66 Cal.
9939. nevadensis Csy. 12–66 Nev.

LIOONINI

Lioon Csy. 12–67
9940. speculare Csy. 12–68 B.C.
41. puncticeps Csy. 12–69 No.Cal.

Lioon Csy.
9942. simplicipes (Mann.) 52–342 Alas.
43. inflatum (Lec.) 68–62 Cal.

RHYSODOIDEA

RHYSODIDÆ

Leconte 75; Gestro 10

Rhysodes Dalm. 23–93
9944. americanus Lap. 36–58 Atl.St.-Mo. Ind. Fla. Ia. N.Y.Mich.Ga.
?exaratus || Serv. 25–308 Eur.
aratus Newn. 38–664
piceus Germ. 40–345

Rhysodes Dalm.
9945. hamatus Lec. 75–163 Cal. So.Cal.
aratus || Chev. 73–209

Clinidium Kby. 35–6
9946. sculptile Newn. 38–666 Atl.St. Ind.
conjugens Germ. 40–351
47. calcaratum Lec. 75–164 Vanc. Or.

CUCUJOIDEA

OSTOMIDÆ[1]

(*Temnochilidæ Trogositidæ*)

Horn 62; Reitter 75, 76; Léveillé 10; Van Dyke 15, 16; Schaeffer 15, 18; Casey 16

TENEBROIDINI

Nemozoma Latr. 04–239
(*Nemosoma* auct.)
(*Nemozoma* Latr. s. str.)
9948. attenuatum Van D. 15–27 Cal.
(*Monesoma* Lév. 94–144)
(*Pseudalindria* Fall 10–126)
49. fissiceps (Fall) 10–127 Cal.
50. punctatum Van D. 16–71 Or.
51. schwarzi Schaef. 18–191 Ariz.

Cylidrella Sharp 91–389
9952. championi Wickh. 16–147 Col. Ariz.

Corticotomus Sharp 91–390
(*Nemosoma* Lec. & Horn)
9953. depressus Schaef. 18–192 N.J. Pa. Ala.
54. parallelus (Melsh.) 44–108 N.E.U.S.
55. caviceps (Fall) 10–127 Cal. Ariz.
laeviventris Casey 16–105 N.Mex. Colo.
56. californicus Van D. 15–28 Cal.
57. cylindricus (Lec.) 63–65 E.U.S. Fla.
a. texanus Schaef. 18–193 Tex.

Parafilumis Csy. 16–107
9958. estriata Csy. 16–107 Or.

Euschaefferia Leng n. m.
Stenodema || Schaef. 18–193
9959. hicoriæ Schaef. 18–193 N.C.

Airora Reit. 76–18
(*Alindria* Lec. & Horn nec Er.)
9960. minuta Schaef. 18–194 Ariz.
61. æqualis Reit. 77–172 Cal.
62. polita Csy. 16–111 Cal.
63. punctiventris Csy. 16–110 Ariz.
64. bicolor Csy. 16–110 Cal.
65. teres (Melsh.) 46–64 Pa.
66. cylindrica (Serv.) 28–719 E.St. Ind. Fla.
niger (Melsh.) 46–63 Pa.
67. nigrella (Melsh.) 46–63 Pa.

Temnochila Westw. 35–231
(*Trogosita* Oliv. 90–5 pars.)
9968. hubbardi Lév. 88–417 Fla.
69. barbata (Lec.) 63–65 L.Cal.
70. yuccæ (Cr.) 74–75 S.Cal.
71. edentata Schaef. 18–194 Ariz.
72. acuta (Lec.) 58–63 Tex.
73. peninsularis Schaef. 18–196 L. Cal.
74. aerea (Lec.) 58–63 S. Cal. Ariz.
nyenta Dow 12–70 Ariz.
75. prosternalis Schaef. 18–197 Ariz.
76. virescens (Fab.) 75–817 E. St.
a. chlorodia (Mann.) 43–301 Pac.Coast.
viridicyanea (Mann.) 43–301 Cal.
cyanea (Reit.) 75–28
— obscura Reit. 75–18 Not.N.Am.

[1] The Mss. for this family was written by Mr. Charles Schaeffer; except for the substitution of Euschaefferia for the preoccupied name Stenodema.

Tenebroides Pill. & Mitt. 83–87
(*Tenebrioides* Pal.)
(*Trogosita* Oliv. 90–5 pars.)
9977. mauritanicus (L.) 58–417 Cosmop.E.& W.S.Fla.
a. nitidus (Horn) 62–83 Pa. D. C.
78. crassicornis (Horn) 62–83 Cal.
pleuralis (Horn) 62–84 Cal.
79. californicus (Horn) 62–83 Cal.
80. sinuatus (Lec.) 61–344 Cal. Or.?
81. soror (Duv.) 57–252 S. Fla.
foveatus Blatch. 17–142 Fla.
82. occidentalis Fall 10–128 Mont. Col. Ut. N.Mex. Ariz.
83. tenuistriatus Fall 10–128 Ariz. N.Mex.
84. bimaculatus (Melsh.) 44–110 N. E. St.
85. semicylindricus (Horn) 62–85 Ga. Ala. Fla.
subaenea (Reit.) 75–77 Tex.
86. floridanus Schaef. 18–199 Fla.
87. rugosipennis (Horn) 62–87 Pa.
88. arizonensis Schaef. 18–198 Ariz.
89. collaris (Sturm) 07–246 E.St.Fla.
nigripennis Lac. 54–344

Tenebroides Pill. & Mitt.
9990. americanus (Kby.) 37–166 E.St.
castaneus (Melsh.) 44–109 Fla.
a. nigritus (Horn) 62–86 Kan.
91. latieollis (Horn) 26–86 S.St. Utah
obscurus Horn 62–87
92. nanus (Melsh.) 44–110 Pa. Ala. Tex.
93. sonorensis Sharp 91–418 Mex.Ariz.Tex.
debilis Fall 10–128 Tex.
94. corticalis (Melsh.) 44–109 E.St. Ind. Fla.
dubia (Melsh.) 44–110 Pa. Fla. Ind.
a. intermedius (Horn) 62–84 E.S.Kan.
95. limbalis (Melsh.) 44–109 Pa. O.
96. marginatus (Beauv.) 11–125 E.St.
cucujiformis (Horn) 62–86 Pa. Fla.
97. obtusus (Horn) 62–87 Pa. Ala.
— depressior (Beauv.) 11–126 N.Am.
— subnigra (Beauv.) 11–127 N.Am.
— mutica (Beauv.) 11–126 N.Am.
— pusillima Mann. 43–303 Alas.
— opaca Reit. 75–69 N.Am.
— patruelis Reit. 75–70 S.C.

OSTOMINI (*Leperinini*)

Calitys Thoms. 59–71
(*Nosodes* Lec. 62–88)
9998. scabra Thunb. 84–15 Eur. N.Am. Ariz.
serrata Lec. 59–84 Wash. Or. Cal.
silphides Newm. 38–378 Can.

Eronyxa Reit. 76–57
(*Ostomodes* Reit. 77–174)
9999. pallidus (Mots.) 63–508 Cal.
dohrni Reit. 77–174 Cal.
lagrioides (Reit.) 76–58 Cal.
10000. pilosulus (Cr.) 74–77 Or. S.Cal.
01. angustus Csy. 16–284 Id.
02. expansus Van D. 16–72 S.Cal.

Ostoma Laich. 81–107
(*Peltis* Kug. 91–508)
(*Zimioma* desG. 86–11)
10003. ferruginea (L.) 58–361 Eur. H.B.T. Pa. Colo.
septentrionalis (Rand.) 38–17 Me.
fraterna (Rand.) 38–17 Me.

Ostoma Laich.
10004. nigrina Csy. 16–284 B.C.
05. pippingskoeldi (Mann.) 52–333 Alas. Cal.
(*Grynocharis* Thoms. 59–911)
06. oregonensis Schaef. 18–200 Cal.
07. quadrilineata Melsh. 44–104 Mich. Ind.
marginata Melsh. 44–104 Pa.
— grossa (L.) 58–361 Eur.notN.Am.
— oblonga (L.) 58–362 Eur.notN.Am.

Lophocateres Oll. 83–180
10008. americanus (Mots.) 63–508 Ga.
09. pusillus (Klug.) 34–159 †Siam S.C.Tex.

Thymalus Latr. 02–133
10010. marginicollis Chev. 42–62 N.E.St. Nfld.
fulgidus Er. 44–458

Lycoptis Csy. 90–311 & 494
10011. villosa Csy. 90–312 D.C. S.C.

NITIDULIDÆ

Murray 64; Horn 79; Grouvelle 13

CATERETINÆ (= BRACHYPTERINI Lec. 61)

Cateretes Ilbst. 93–11
(*Cercus* Latr. 96–68)
10012. pennatus (Murr.) 64–235 Can. N.Eng.
crinitus (Murr.) 64–237 ♂ Tenn. [Ind.
13. sericans (Lec.) 59–69 Cal. So.Cal.
14. bipustulatus (Payk.) 98–286 Eur. & N. Am.? Mass.?

Anthonæus Horn 79–273
10015. agavensis (Cr.) 74–76 So.Cal.

Cercometes Reit. 75–99
10016. abdominalis (Er.) 43–229 Atl.-Colo. Ind.

Brachypterus Kug. 94–560
10017. urticæ (Fab.) 92–235 †Atl.St. Colo. Kan. Nfld. Ind. Mich.
18. troglodytes Murr. 64–244 Sib.Cal.So.Cal.
19. globularius Murr. 64–245 Colo. Mex.
20. schaefferi Grouv. 12–387 Tex.

† Introduced.

Brachypterus Kug.
rotundicollis‡ Schfr. 05–146 (non Murr.)

Amartus Lec. 61–343
10021. tinctus (Mann.) 43–255 Cal. So.Cal.

Amartus Lec.
ferrugatus Murr. 64–250
10022. rufipes Lec. 61–344 Cal. So.Cal.
lateralis Mots. 72–354

MELIGETHINÆ

Meligethes Steph. 30–30
10023. sævus Lec. 59–6 Mo. Kan.
24. aeneus (Fab.) 75–78 Eur. & Cal. Or. Ind.
brassicæ‡ Reit. 75–16 (non Scop.) So.Cal.
californicus Reit. 71–68
rufimanus Lec. 57–37

Meligethes Steph.
moerens Lec. 57–37
10025. mutatus Harold 68–827 Ind.N.Y.-Colo.
ruficornis || Lec. 59–6 [Ariz.
26. seminulum Lec. 57–37 Or. L.Sup.
(*Acanthogethes* Reit. 71–49)
27. pinguis Horn 79–312 Nfld.

CARPOPHILINÆ

CARPOPHILINI (Lec. 61, 82)

Colopterus Er. 42–149
(*Colastus* Er. 43–236)
10028. inorio Er. 43–242 Atl.St. Ind. Fla.
29. maculatus Er. 43–244 M.St.-Tex. Fla.
30. semitectus (Say) 25–182 Atl.St.Ind.Fla.
31. unicolor (Say) 25–183 Atl.St. Fla.
obscurus Er. 43–244
32. truncatus (Rand.) 38–18 Can. Fla. Tex. Ind.
infimus Er. 43–245 Cal. So.Cal.
a. obliquus Lec. 58–62
b. limbatus Lec. 58–62 Ariz.
c. triangularis Murr. 64–282

Brachypeplus Er. 42–148
(*Leiopeplus* Murr. 64–287)
10033. glaber Lec. 78–398 Fla.

Conotelus Er. 43–249
10034. stenoides Murr. 64–338 Tex. C.-Am.
35. obscurus Er. 43–352 M.St.-Fla. Ind. Conn.
36. punctatus Schfr. 11–116 Fla.
37. mexicanus Murr. 64–337 So.Cal.C.-Am.

Carpophilus Steph. 30–30
(*Tribrachys* Lec. 61–83)
10038. yuccæ (Cr.) 74–75 So.Cal.
39. pallipennis (Say) 23–194 Kan.-L.Cal. Ariz.
a. pallens Sharp 89–300 Mex. & U.S.?
40. floralis Er. 43–261 Mex. & U.S.
41. floridanus Fall 10–122 Fla. [Ariz.
42. hemipterus (L.) 58–358 Ind. Eur. & N.Am. Fla.So. Cal.Ariz.Can. Alas.

Carpophilus Steph.
bimaculatus (L.) 67–569
10043. dimidiatus (Fab.) 92–261 Cosmop. Ind. So.Cal. Conn.
a. luridus Murr. 64–377 Fla.
b. mutilatus Er. 43–258
44. longiventris Sharp 89–301 Mex. & Ariz.
45. rufiventris Schfr. 11–115 Ariz.
46. deflexus Sharp 89–290 Mex. Ariz.?
47. melanopterus Er. 43–262 Fla. Ga. Tex. Mex. Ind.
a. rufus Murr. 64–371 C-Am. U.S.
48. longus Fall 10–123 Ariz.
49. rickseckeri Fall 10–124 So.Cal.
50. tempestivus Er. 43–260 W.I. Ga. Fla.
a. terminatus Murr. 64–389
51. decipiens Horn 79–279 Ariz.-L.Cal.
52. niger (Say) 23–195 Ind.Can.-Ariz.
53. lugubris Murr. 64–255 So.Am.&U.S.? Fla. Colo. Tex.
54. californicus Schfr. 11–115 Cal.
55. ignobilis Fall 10–124 Ariz.
?lacertosus Murr. 64–354 Mex.
56. marginatus Er. 43–262 M.&S.St.
57. corticinus Er. 43–263 M & S.St. Ind.
58. brachypterus (Say) 25–183 Pa.-Can. Cal.
carbonatus Lec. 59–6 L.Sup. [Ind.
59. discoideus Lec. 58–62 Ariz. Cal. So.
apicalis Lec. 59–6 L.Sup. [Cal.
caudalis Lec. 59–70
60. antiquus (Melsh.) 44–105 M.&S.St.Ind.
punctulatus (Melsh.) 44–105 [Fla.
61. nitens Fall 10–125 Ala.
62. zuni Csy. 84–34 Ariz.
(*Urophorus* Murr. 64–342)
63. humeralis (Fab.) 98–74 Trop.Africa, &c.†Fla.

NITIDULINÆ

NITIDULINI Lec. 61, 82

Haptoncus Murr. 64–401
(*Haptoncura* Reit. 75–61)
10064. luteolus (Er.) 43–272 C-Am. Tex.
texanus Cr. 74–76 [Fla.

Nitidula Fab. 75–77
10065. bipunctata (L.) 58–359 Eur.&N.Am.†

Nitidula Fab.
bipustulata (L.) 61–148 Can.Fla. Colo.
10066. nigra Schfr. 11–116 Alas. [Ind.
67. rufipes (L.) 67–573 Eur. & N.Am.
obscura Fab. 76–215 H.B.T.-Colo.
ossium Kby. 37–106 [Ind.
68. ziczac Say 25–179 Can.& U.S. Ariz.

† Introduced.

Nitidula Fab.
a. humeralis Lec. 59–70 L.Sup. Ind.
b. inornata Horn 79–303 [So.Cal.
c. uniguttata Melsh. 46–106 Fla.

Omosita Er. 43–298
10069. colon (L.) 58–362 Nfld.-Fla. Ind. Eur.&N.Am.†
70. discoidea (Fab.) 75–78 Eur. & N.Am.
inversa Lec. 57–36 L.Sup. Colo. So.Cal.

Epuræa Er. 43–267
(*Epuræanella* Cr.74–76) (?*Dadopora* Th.)
(*Omosiphora* Reit. 75–56)
10071. monogama Cr. 74–76 Vanc.-Cal.
72. horni Cr. 74–76 Can.
73. helvola Er. 43–273 Ind. Atl.St.-
castanea (Melsh.) 46–106 [Colo.L.Sup.
rufa Reit. 73–28 (non Say)
74. rufa (Say) 25–180 Ind.Atl.&Gulf
badia (Melsh.)46–106 [St.L.Sup.
rotundicollis Reit. 73–25
(*Epuræa* s. str.)
75. integra Horn 79–292 Ariz. Colo.
76. ambigua Mann. 43–256 Alas.-Cal.
77. erichsoni Reit. 73–25 Can.-Ga.Ind.
78. rufida (Melsh.) 46–106 Pa. Ind.
79. papagona Csy. 84–35 Ariz.
80. corticina Er. 43–270 Gulf St.Ind.
81. terminalis Mann. 43–95 Eur. & N.Am. So.Cal.
flavomaculata Mäkl. 53–205 Alas. Mass.
immunda Sturm 44–59 L.Sup.
infuscata Mäkl. 53–206
82. adumbrata Mann. 52–336 Alas.
83. avara (Rand.) 38–18 U.S.& Can.So.
nubila Lec. 57–36 [Cal.
84. fulvescens Horn 79–296 Can.
85. duryi Blatch. 10–639 Ind.
86. linearis Mäkl. 53–205 Alas. B.C.
87. truncatella Mann. 46–514 Ind.Can. Alas.
nigra Mäkl. 53–204 [Colo.Lab.
88. planulata Er. 43–271 Alas. L.Sup.
— placida Mäkl. 53–203 Alas.
— borcella (Zett.) 28–152 Eur.& N.Am.? Can.?

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89. ovata Horn 79–298 Ind. Can. Cal. Mich. So.Cal.
90. alternans Grouv. 12–394 N.Mex.
alticola || Fall 07–222
91. peltoides Horn 79–298 Mich.Md.
92. depressa (Ill.) 98–386 Eur. & N.Am.
aestiva || (Fab.) 75–77 Alas. Fla.
93. labilis Er. 43–272 Ind.Mich.-Ga.
94. umbrosa Horn 79–300 Okla. [Conn.
95. obtusicollis Reit. 73–24 D.C.
96. scaphoides Horn 79–300 Colo.
(*Micrurula* Reit. 84–209)
97. macrophthalma Reit. 73–26 N.Am.?

Stelidota Er. 43–300
10098. geminata (Say) 25–181 Ind. M. & So.
biseriata Reit. 73–15 [Atl. St. Fla.

Stelidota Er.
10099. octomaculata (Say) 25–181 Ind. N. Eng.-Fla.
10100. strigosa (Gyll.) 08–140 S.C. Ga. Fla.
lusca (Gyll.) 08–120 W. I.

Prometopia Er. 43–279
10101. sexmaculata (Say) 25–178 M. St.-Tex.
02. bidentata Schfr. 09–375 Ariz. [Fla.Ind.

Lobiopa Er. 43–291
10103. insularis (Cast.) 40–10 W.I. & Gulf St.
decumana Er. 43–295
04. setosa Harold 68–104 M. St.-Ut.
setulosa || Lec. 63–63
undulata (Horn) 79–307
05. undulata (Say) 25–179 Ind. Fla. Ct.

Soronia Er. 43–277
10106. guttulata (Lec.) 63–64 Can.-Nev.
07. substriata Ham. 93–306 Can.
08. brunnescens Blatch. 17–238 Fla.
— ?grisea H. and Sz. 78–634 (nec L.?) Mich.

Phenolia Er. 43–299
10109. grossa (Fab.) 01–347 Can.-Tex. Ind.

Amphotis Er. 43–290
10110. ulkei (Lec.) 66–376 Mass.-D.C.
11. schwarzi Ulke 87–77 Va.

††

Camptodes Er. 43–321
10112. texanus Schfr. 04–203 Tex.

Amphicrossus Er. 43–346
10113. ciliatus (Oliv.) 11–210 Ind. Mo. Ga.
?unilineatus (Say) 25–182 [Fla.
14. niger Horn 79–317 Ariz.

Cychramus Kug. 94–543
10115. adustus Er. 43–346 Va. Ga. Mo. Ind. Conn.
16. zimmermanni Horn 79–319 S.C.

Pocadius Er. 43–318
10117. helvolus Er. 43–320 Pa. Kan. Ga.
breviusculus Reit. 76–318 Mex. [Ind.
ferrugineus‡ Chev. 63–604 Cuba
infuscatus Reit. 73–94 Cuba
limbatus Reit. 73–95 Cuba
18. fulvipennis Er. 43–319
dorsalis Horn 79–311 Cal.
19. basalis Schfr. 11–117 Ariz.

Orthopeplus Horn 79–311
10120. quadricollis Horn 79–312 Colo.

Cyllodes Er. 43–342
(?*Strongylus* Hbst. 92–179)
10121. biplagiatus Lec. 66–377 Mass. Mich.

Oxycnemus Er. 43–351
(*Psilopyga* Lec. 53–286)
(*Eugoniopus* Reit. 84–264)
10122. histrina (Lec.) 53–286 Pa. Ga. Mo. Ind. Conn.

† Introduced.

†† Of the genera that follow, Amphicrossus, Cychramus, Cyllodes, Pallodes and Oxycnemus (Psilopyga) constitute the tribe Cychramini (Horn 79) not recognized by Grouvelle.

Oxycnemus Er.
10123. nigripennis (Lec.) 63–64 Pa. N.J. Ind.
24. fasciatus (Sharp) 91–364 Mex. & Ariz.

Pallodes Er. 43–348
10125. silaceus Er. 43–350 M. & S.Atl.St.
unistriatus‡ Horn 85–90 [Fla. Ind.
?pallidus Beauv. 05–157

Perthalycra Horn 79–309
10126. murrayi Horn 79–310 Ariz. Nev.-Or. So. Cal.

Thalycra Er. 43–305
10127. concolor (Lec.) 50–223 L. Sup.

Quadrifrons Blatch. 16–92
10128. castaneus Blatch. 16–92 Fla.

CRYPTARCHINÆ

IPINI Lec. 61, 82

Cryptarcha Shuck. 39–165
10129. ampla Er. 43–356 Ind. M.S.W. St. Fla. Conn.
30. glabra Schfr. 09–375 Ariz.
31. strigata (Fab.) 87–51 Eur. & Atl. St.
concinna‡ Reit. 73–150 Atl.-Colo.
bella Reit. 73–150
32. concinna Melsh. 53–41 Ind. M.St. Kan.
liturata Lec. 63–30 [Tex. So. Cal.
picta Melsh. 66–107

Pityophagus Shuck. 39–171
10133. cephalotes Lec. 66–377 Pa.
34. rufipennis Horn 72–146 Or. Vanc. So.
35. verticalis Horn 79–325 Colo. [Cal.

Glischrochilus Reit. 73–162
(*Ips* || Fab. 76–23)
(*Librodor* Reit. 84–270)

Glischrochilus Reit.
10136. obtusus (Say) 35–168 M. & S.Atl. St. Ind.
37. fasciatus (Oliv.) 90–7 U.S.-Vanc.-Ind.Conn.
bipustulatus (Melsh.) 46–108 (Eur.?)
quadriguttatus‡ (Blatch.) 10–649
quadrisignata (Say) 35–169
sexpustulatus (Reit.) 73–161
38. sanguinolentus (Oliv.) 90–8 Lab. Can. Fla.
rubromaculatus Reit. 73–161 Tex. Ind.
(*Glischrochilus* s. str.)
39. confluentus (Say) 23–195 Can.-Ga. Ind.
40. vittatus (Say) 37–170 Can. Ut. Alas.
dejeani (Kby.) 37–107
sepulchralis (Rand.) 38–19
41. cylindricus (Lec.) 63–64 Nev.-Or. Man.

CYBOCEPHALINÆ

Cybocephalus Er. 44–441
10142. nigritulus Lec. 63–64 Ind. Mich. Ga. Fla.

Cybocephalus Er.
10143. californicus Horn 79–320 Cal. So. Cal. Ariz.

RHIZOPHAGIDÆ

Horn 79; Schaeffer 13; Méquignon 14

Rhizophagus Hbst. 44–442
(*Rhizophagus* s. str.)
10144. bipunctatus (Say) 24–325 Ind. Can. No.
sayi Schfr. 13–310 [St.
45. longiceps Csy. 16–102 Va.
46. rectus Csy. 16–102 N.C.
47. parallelicollis (Gyll.) 27–638 Eur. & N.Am.
a. robustus Schfr. 11–118 Ky.
48. procerus Csy. 84–168 Ariz.
49. sculpturatus Mann. 52–362 Vanc. Nev.
horni Méquignon 13–343 [N.Y. Ind. Ariz.
50. dimidiatus Mann. 43–300 Alas. Can. N.H.
dispar‡ Schfr. 13–309 [Nfld. Ariz.

Rhizophagus Hbst.
10151. approximatus Lec. 66–378 N.Y.
52. remotus Lec. 66–378 Pa. Can.
a. luteus Méquignon 13–342
53. minutus Mann. 53–206 Or. Alas. Can.
a. quadriguttatus Meq. 13–342 [Mich. Ct.
(*Eurhizophagus* Méquignon 09–105)
54. grouvellei Méq. 13–91 Cal.
(*Anomophagus* Reit. 07–28)
55. brunneus Horn 79–327 L.Sup.
56. fenyesi Méq. 13–91 N.Am.
(*Syringobidia* Csy. 16–103)
57. cylindricus Lec. 66–377 Tenn. Ga.

MONOTOMIDÆ

Aubé 37; Horn 79; Casey 16

MONOTOMINÆ

Monotoma Hbst. 93–22
10158. producta Lec. 55–305 M. St. Fla.
59. picipes Hbst. 93–24 Eur. Fla. N.Y. Ind. Neb. Nev. So. Cal.

Monotoma Hbst.
10160. foveata Lec. 55–305 M.St. Tex. Cal.
61. obsolescens Csy. 16–88 D.C.
62. famelica Csy. 16–89 Cal. Or.

Monotoma Hbst.
10163. fulvipes Melsh. 44–111 Fla. Pa.-Ill.
opaca Zieg. 44–271 [Ind.
64. quadraria Csy. 16–90 Cal.
?quadrifoveolata Aubé 37–468 D.C. Eur.
65. americana Aubé 37–461 Pa.-Ariz. Ind.
66. rhodeana Csy. 16–91 R.I. [Fla.
67. parallela Lec. 55–305 Ind. N.Y. Mich. Can.
68. arida Csy. 16–89 Colo.?
69. mucida Lec. 55–305 So.Cal.
70. texana Horn 79–261 Tex.
71. longicollis Gyll. 27–635 D.C. Pa. Eur.

Phyconomus Lec. 61–86
10172. marinus (Lec.) 58–64 Cal. So.Cal.

Hesperobænus Lec. 61–86
10173. abbreviatus (Mots.) 45–371 Cal. Nev. So.
rufipennis (Lec.) 58–64 [Cal. Ariz.
74. alternatus Schfr. 10–213 Ariz.
75. arizonicus Csy. 16–92 Ariz.
76. rufipes Lec. 63–65 Mo. Ga. La.

Leptipsius Csy. 16–93
10177. dilutus Csy. 16–93 Ill.

Leptipsius Csy.
10178. striatus (Lec.) 58–65 So.Cal. Ariz.
?adustus Reit. 72–14 Mex.

Europs Woll. 54–149
(*Nomophlœus* Lec. 61–86)
10179. pallipennis (Lec.) 61–86 Pa. Fla. Conn.
80. unicolor Csy. 16–95 Tex.
81. striatulus Fall 07–224 N.Mex.

Macreurops Csy. 16–96
10182. longicollis (Horn) 79–264 Cal. Nev.

Bactridium Lec. 61–86
10183. ephippigerum (Guér.) 29–190 N.Y. Ind. Mo.
84. erythropterum (Melsh.) 44–109 [La. Pa.N.C.
nanum Er. 43–360
85. convexulum Csy. 16–98 Mich.
?striolatum (Reit.) 72–14 Can.-Fla.Ind.
86. hudsoni Csy. 16–99 N.Y.
87. obscurum Csy. 16–99 Ind.?
88. curtipenne Csy. 16–100 Ark.
89. californicum Fall 17–169 So.Cal.

Pycnotomina Csy. 16–100
10190. cavicolle (Horn) 79–267 Pa. N.J.

SMICRIPINÆ Horn 79

Tisiphoninæ[1]

Smicrips Lec. 78–399
(*Tisiphone* || Reit. 76–296)
10191. palmicola (Lec.) 78–399 Fla.

Smicrips Lec.
?hypocoproides Reit. 76–301 W.I. Fla. So.
10192. texana Csy. 16–104 Tex. [Cal.

HYPOCOPRINÆ[1]

Hypocoprus Mots. 39–72
10193. formicetorum Mots. 39–72 Sib.

Hypocoprus Mots.
tenuis Csy. 16–137 Colo.

CUCUJIDÆ

Casey 84; 16

SILVANINI

Reitter 90

Oryzæphilus Gangl. 99–584
10194. surinamensis (L.) 67–565 Cosmop. Ind. Fla. Conn.
sexdentatus (Fab.) 01–397 [So.Cal.
frumentarius (Oliv.) 90–18
cursor (Fab.) 01–120
95. bicornis Er. 48–337 Cosmop.
96. mercator Fauv. 89–132 Cosmop.
97. gossypi Chitt. 97–12 Cosmop.

Silvanus Latr. 07–20
10198. bidentatus (Fab.) 01–317 Cosmop. Ind. Fla. So.Cal.
sulcatus (Fab.) 01–555 [Conn.
99. planatus Germ. 24–466 E.U.S. Ind.
zimmermanni Guér. 29–198 [Fla.

Silvanus Latr.
cognatus Lec. 54–77 S.C.
nitidulus Lec. 54–78 Pac. Ariz.
10200. imbellis Lec. 54–77 Ga. Ind. Fla. So.Cal.
01. gemellatus Duv. 56–250 N.Y. Fla. Ga.
quadricollis‡ Lec. nec Guér. [Cuba
02. parviceps Csy. 16–136 (N.Y.?)

Cathartus Reiche 54–77
10203. cassiæ (Reiche) 54–78 Cuba & U.S.
?gilæ Csy. 84–73 Ariz. [Fla.
04. advena (Waltl.) 34–256 Cosmop. Ind. Fla. So. Cal.
guerini Allib. 47–12 China [Ariz.
musæorum (Zieg.) 46–270 S.C.

[1] The position of these genera is disputed. Casey and Sharp agree in attaching Smicrips to Monotomidæ; but Casey (1916, p. 137) would place Hypocoprus near Silvanus.

Cathartus Reiche
10205. rectus Lec. 54–78 Ill. D.C.-Ariz. Fla.
06. opaculus Lec. 54–78 Cal. So.Cal.
07. longulus Blatch. 10–564 Ind. [Ariz.

Planismus Csy. 90–500
10208. floridanus Csy. 90–501 Fla.

Nausibius Redt. 58–998
10209. clavicornis (Kug.) 94–511 Cosmop. Ind.
dentatus (Marsh.) 02–108 Fla. [So.Cal.
intermedius Smith 51–16
major Zimm. (Cr. Check List)
10. repandus Lec. 66–379 D.C. Fla.

PASSANDRINI

Catogenus Westw. 35–221
10211. rufus (Fab.) 92–123 U.S. Ind. Ia. Md. Fla.
a. puncticollis Newn. 39–399 N.C. Ind.
b. monilicornis Csy. 16–115 Fla.
c. puncticeps Csy. 16–116 Pa. D. C.
d. parvus Csy. 16–116 Ind.

Scalidia Er. 45–305
(*Taphrosoelidia* Cr. 73–44)
10212. linearis Lec. 66–70 Tex. Fla.

Prostomis Latr. 25–397
10213. mandibularis (Fab.) 75–155 Eur.&Or.Nev.
americana Cr. 74–74 [Cal. Vanc.

CUCUJINI

Narthecius Lec. 61–95
10214. grandiceps Lec. 63–70 Fla. Pa. Nev.
15. simulator Csy. 90–322 Cal. [Mich.
16. breviceps Csy. 90–323 Fla.
17. monticola Fall 07–222 N. Mex.
18. striaticeps Fall 07–222 So. Cal.

Pediacus Shuck. 39–185
10219. fuscus Er. 45–313 Cosmop. Lab.
dermestoides (Schön.) 09–53 Can. Mich. H.B.T. Neb. Colo. N.Mex.
planus Lec. 50–223 L. Sup.
subcarinatus Mann. 52–363 Alas.
20. depressus (Hbst.) 97–286 Cosmop. So. Cal. Mich. L. Sup. Colo. Pa.
subglaber Lec. 54–73 S.C. [Vanc.

Cucujus Fab. 75–204
10221. clavipes Fab. 81–257 Atl.-Ia. Ind.
a. puniceus Mann. 43–303 Pac.

Inopeplus Smith 51–4
(*Inoplectus*‡ auct.)
(*Ino* || Lap. 35–135)
10222. reclusa Lec. 80–186 Tex. Fla. Ala.
23. immunda Reit. 78–191 Md.

Læmophlœus Lap. 37–385
(*Parandrita* ‡ Lec. 83–133)
10224. terminalis Csy. 84–83 Tex.
25. biguttatus Say 25–267 U.S. Ind. Fla.
bisignatus Guér. 29–205 Neb. [So.Cal.
26. fasciatus Melsh. 46–113 Pa. U.S. Ind.
27. fervidus Csy. 16–121 Ill. Kan. [Fla.
28. californicus Csy. 16–122 Cal.
29. shastanus Csy. 16–123 No. Cal.
30. impressifrons Schfr. 10–213 Ariz.
31. flavosignatus Schfr. 10–214 Ariz.
32. macrocephalus Schfr. 10–214 Ariz.
33. lecontei Grouv. 75–496 Fla.
34. floridanus Csy. 84–85 Fla.
35. chamæropis Sz. 78–359 So.St. Fla.
36. convexulus Lec. 79–2 N.J.-Ia. Mich.
37. filiger Csy. 16–125 Mass.
38. sphærops Csy. 16–126 N.Y. D.C.

Læmophlœus Lap.
10239. adustus Lec. 54–74 U.S. Pa. Ind.
40. fraterculus Csy. 16–124 Pa. [Va. Me.
41. dimidiatus Schfr. 10–215 Ariz.
42. modestus Say 25–268 U. S. Fla.
singularis Smith 51–7 D. C. Tex.

(*Silvanophlœus* Sharp 94–537)
43. apertus Csy. 16–128 N.Y. Pa. Ill.
44. illustris Csy. 16–129 Tex. [Ind.
45. sobrinus Csy. 16–129 N.C.
46. liquidus Csy. 16–131 Tex.
?testaceus (Fab.) 92–96 Cosmop. Ind.
zimmermanni Lec. 54–75 Md. [Fla.
bullatus Lec. 54–75 Cal.
47. nitens Lec. 54–75 Pa. Cal. So.
gundlachi Grouv. 76–499 C.Am. [Cal.
48. punctatus Lec. 54–75 S.C. D.C. Ga.
geminatus Lec. 54–75 La. [Ind.
49. horni Csy. 84–89 Cal.
50. disseptus Csy. 16–133 Tex.
51. rotundicollis Csy. 84–89 S.C. Pa.
52. quadratus Csy. 84–90 Gulf St.
53. cephalotes Lec. 54–76 So.Cal.

(*Leptophlœus* Csy. 16–135)
54. angustulus Lec. 66–379 D.C. Colo.
55. schwarzi Csy. 84–91 D. C. Fla.
56. extricatus Csy. 84–92 Mo.
57. alternans Er. 45–325 Cosmop. S.C. La.

(*Cryptolestes* Gangl. 99-612)
58. ferrugineus (Steph.) 28–223 Cosmop. So.
testaceus || (Payk.) 00–168) [Cal. La.
monilicornis (Steph.) 28–223
59. pubescens Csy. 84–93 Cal.
60. truncatus Csy. 84–93 Mich. Ia.
61. pusillus (Schön.) 17–55 Cosmop. So. Cal.
minutus Oliv. 95–74 Mass. Alas.
crassicornis Waltl 39–225 [S.C. La.Conn.
puberulus Lec. 54–75 Cal.
longicornis Mann. 43–303 ♂ Alas.
62. denticornis Csy. 84–94 Tex. Fla.
?uncicornis Reit. 76–45 Cuba
63. adumbratus Csy. 16–134 Tex.
?addendus Sharp 99–529
64. fractipennis Mots. 45–91 Eur. (N.Am.?)
— pusillimus (Mann.) 43–303 N. Am.?

Læmophlœus Lap.
— reitteri Gronv. 76–33 Brazil (N.Am.?)

Lathropus Er. 45–327
10265. vernalis Lec. 66–379 Fla.N.J.-Miss.
66. pictus Sz. 78–358 Fla. [Conn.
67. pubescens Csy. 84–96 So.Cal.
68. striatus Csy. 16–119 Mich.

Lathropus Csy.
10269. robustulus Csy. 16–120 Tex.

Dysmerus Csy. 84–97
10270. basalis Csy. 84–97 N.J.-Fla.

Rhinomalus Gemm. 70–124
10271. texanus Schfr. 04–201 Tex.

BRONTINI

Dendrophagus Schön. 09–50
10272. cygnæi Mann. 46–515 Alas. No. U. S. Can. N.Mex.
glaber Lec. 50–223 L. Sup.Nfld.
americanus Mann. 53–207 Alas.[N.Y.Pa.
?germari Mann. 43–306 Alas.

Brontes Fab. 01–97
(*?Uleiota* Latr. 96–46)
10273. dubius Fab. 01–97 N.J.-Ia. Ind.
a. truncatus Mots. 45–92 Cal.
74. debilis Lec. 54–76 N.J.-Ind.

HEMIPEPLINI

Hemipeplus Latr. 25–98
(*Ochrosanis* Pasc. 66–443)
(*Nemicelus* Lec. 36–340)
10275. marginipennis (Lec.) 54–79 Ga. Fla.

Hemipeplus Latr.
dohrni Pasc. 66–443
10275½. microphthalmus (Sz.) 78–360 Fla.

TELEPHANINI

Telephanus Er. 45–329
(*Heterodromia* Hald. 56–127)
10276. velox Hald. 51–127 N.J.-Ia. Ind. Conn.

Telephanus Er.
atricapillus Er. 45–330 (indesc.)
10277. lecontei Csy. 84–103 Ariz.

CRYPTAMORPHINI

Psammœcus Latr. 29–135
(*Cryptamorpha* Woll. 54–156)
(*Psammœchus* Boudier 34–368)
(*Pseudophanus* Lec. 59–84)
10278. desjardinsi Guér. 29–196 Cosmop. Fla.

Psammœcus Latr.
signatus (Lec.) 59–85 Wash.
musæ Woll. 54–157
hubbardi (Csy.) 84–167 Fla.

EROTYLIDÆ

Lacord 42; Lec. 47, 54; Crotch 73; Ganglb. 99; Kuhnt 09, 11

LANGURIINÆ

Schaeffer 04–05

Languria Latr. 04–209
10279. bicolor (Fab.) 98–50 Fla. La. Kan. Ill. D. C.
thoracica Oliv. 08–88 Pa. Ind.
puncticollis Say 23–462
80. femoralis Mots. 60–242 La.
81. denticulata Schffr. 18–211
apicalis || Schffr. 04–198 Tex.
82. mozardi Latr. 06–66 Ind. D.C. Pa. Kan. Neb. Ct.
apicalis Mots. 60–241
83. discoidea Lec. 54–160 Ga. Fla.
84. tædata Lec. 54–160 Ct. N.Y. N.J.
rufiventris Mots. 60–242 [D. C.
85. marginipennis Sz. 78–357 Fla.
86. angustata (Beauv.) 05–125 N.Y. Pa. N.J. D. C.
a. uhleri Horn 62–188 Ill. Ind. Mo.
b. pulchra Lec. 54–159
87. trifasciata Say 23–462 Ind. Atl. St.
88. convexicollis Horn 68–140 Cal.

Languria Latr.
interstitialis Csy. 16–148 Utah
10289. californica Fall 01–235 So. Cal.
90. læta Lec. 54–159 Colo. Tex.
91. collaris Lec. 54–159 Ga.

Acropteroxys Gorh. 87–13
10292. gracilis Newn. 38–390 N.Y. Pa. Me.
bicolor‡ Latr. 04–35 Ind. D.C. [Ill.
latreillei Lec. 54–160
nigriceps Mots. 60–242
obscura Mots. 60–243
a. inornata Rand. 38–48 Me.
93. lecontei Cr. 73–351 Ill. Ind. Conn.
94. divisa Horn 85–139 Colo. N.Mex.
thoracina Csy. 16–150 Ariz.
a. texana Schffr. 18–212 Tex.
95. sanguinicollis Chev. 34–93 Mex. Ariz.?

Dasydactylus Gorh. 87–14
10296. cnici Schffr. 04–200 Tex.

Langurites Mots. 61–240
10297. lineatus Lap. 32–412 S.Am. Ariz.
supercilians Csy. 16–148 Fla.

Hapalips [1] Reit. 77–22
10298. texanus Schffr. 10–210 Tex.

EROTYLINÆ

EROTYLINI

Cypherotylus Cr. 73–148
(*Erotylus* pars Lac. 42–416)
10299. aspersus Gorh. 88–108 N.Mex. Colo.
boisduvali Cr. 73–358 nec. Chev. [Ariz.

Cypherotylus Cr.
10300. boisduvali Chev. 34–90 Mex.
a. californicus Lac. 42–467 N. Mex.

TRIPLACINI

Ischyrus Lac. 42–89
10301. quadripunctatus (Oliv.) 91–437 Ga. S.C. Fla. Mo. Ill.
02. dunedinensis Blatch. 17–279 Ind. Tex. Fla.
tripunctatus || Blatch. 17–238
03. extricatus Cr. 73–354 Fla. M.St.

Pseudischyrus Csy. 16–156
10304. brunnea (Lac.) 42–222 Fla.
nigrans (Cr.) 73–354
05. acuminatus Csy. 16–157 Fla.

Scæother Gorh. 88–82
10306. opacus Schffr. 15–236 Ariz.

Hæmatochiton Gorh. 88–81
10307. bisculptum Csy. 16–168 Ariz.
?elateroides Gorh. 88–81 Mex.

Tritoma Fab. 75–570
(*Mycotretus* Cr.‡ nec Lac. 42–132)
10308. sanguinipennis (Say) 24–89 Ga. O. Ill. Ind. N.Y. Ky. D.C. Pa.
09. pulcher (Say) 24–301 Ind. N.S. Pa.
cinctus (Lac.) 42–223 [D.C. Ga.
a. dimidiatus (Lac.) 42–224 Ga.
basalis Melsh. 46–175 Pa.
10. dissimulator Cr. 73–355 Ill.
(*Cyrtotriplax* Cr. 73–189)
11. affinis Lac. 42–224 Ga.-Tex.
?livida Lac. 42–227
12. nigripennis Csy. 16–162 Fla.
13. carolinæ Csy. 16–162 N. C.
14. angulata Say 25–300 Ind.N.Y.D.C.
a. flavipes Lac. 42–226 [Pa. Ct. Fla.
15. dissimilis Blatch. 17–140 Fla.
16. atriventris Lec. 47–71 Fla. Ga. Tex. Mo.

Tritoma Fab.
10317. biguttata Say 24–89 Pa. Ga. Ind.
basalis Lac. 42–225 [Conn.
18. erythrocephala Lac. 42–226 Ga. Mo. Fla.
19. humeralis Fab. 01–571 E.U.S. Ind.
tæniata Lec. 47–71 Pa.
a. aulica Horn 71–343 Ohio
b. ruficeps Lec. 47–71 Mo.
c. vittata Lec. 47–71 Ill.
20. ornata Csy. 16–161 Wis.
21. mimetica Cr. 73–355 D.C.O.Ga.Ill. Ind.
22. sellata Kuhnt 10–247 N.Am. (U.S.?)
23. unicolor Say 24–300 Fla. Pa.- Ill.
24. tenebrosa Fall 12–41 N.C. [Ind.

Triplax Hbst. 93–146
10325. californica Lec. 54–161 Cal.
26. monostigma Csy. 16–165 Colo.
27. festiva Lac. 42–208 Fla.So.St.Ind.
fasciata Melsh. 46–176
28. flavicollis Lac. 42–218 Fla.Conn.-La.
confinis Lec. 54–162 Ill. [Ind.
29. mesosternalis Schffr. 05–145 Ariz. N.Mex.
mormonalis Csy. 16–166 Utah
30. frontalis Horn 62–188 Tex.
31. occipitalis Csy. 16–167 Mich.
32. macra Lec. 54–161 Ill. Me. Mich.
33. russica L. 58–360 Eur. & N.Am.
34. thoracica Say 24–89 Fla. H.B.T.- Tex.Ind.
melanoptera Lac. 42–215 Tex.
a. antennata Csy. 16–163 Mo.
b. obliqua Csy. 16–163 Mo.
c. brevicollis Csy. 16–163 Mo.
d. convergens Csy. 16–164 Mich.
35. latiuscula Csy. 16–164 Tex.
36. puncticeps Csy. 16–165 Tex.
37. antica Lec. 61–358 Or.

DACNINI

Dacne Latr. 96–12
(*?Engis* Payk. 00–349)
1033S. vittata Csy. 16–153 Nev.
39. cephalotes Csy. 16–153 Idaho
40. laticollis Csy. 16–154 Ind.
41. californica Horn 70–97 Cal.
42. quadrimaculata (Say) 35–169 Pa. Ill. Ind.
43. clongata Csy. 16–154 Cal.
44. uteana Csy. 16–155 Ut.
*
45. picea Lec. 75–170 Cal.

Hypodacne Lec. 75–170
(*Plæosoma* Woll. 54–147 ‡)
10346. punctata Lec. 75–171 Ind.

Megalodacne Cr. 73–352
10347. fasciata (Fab.) 77–213 Fla. M. & S.St. Ind. Mex. Conn.
bifasciata (Oliv.) 91–433
48. heros (Say) 23–196 Fla. M.S.W. St. Ind.

Microsternus Lewis 87–57
10349. ulkei (Cr.) 73–353 Ky. Ind.

[1] Belongs in Cryptophagidæ — see Champion, Trans. Ent. Soc. London, 1913, p. 96.

DERODONTIDÆ

(*Laricobiidæ* Gangl. 99–766)

Schenkling 15

Laricobius Rosenh. 46–5
10350. erichsoni Rosenh. 46–7 Eur.& N.Am.
rubidus Lec. 66–99 Mass. N.Y. D.C. Mich.
51. laticollis Fall 16–14 Wash. [Can.

Peltastica Mann. 52–334
10352. tuberculata Mann. 52–334 Alas.-Or.

Peltastica Mann.
?reitteri Lewis 89–432 Japan

Derodontus Lec. 61–100
10353. maculatus (Melsh.) 46–115 Pa. Ind.
54. trisignatus (Mann.)52–361 Alas.-Vanc.

CRYPTOPHAGIDÆ

Casey 00

CRYPTOPHAGINÆ

BIPHYLLINI

(= *Diphyllini*, fam. Erotylidæ in Kuhnt, pars 34, Junk Col. Cat.)

Anchorius Csy. 00–79
10355. lineatus Csy. 00–80 Ariz.

Diplocœlus Guér. 36–196
(*Marginus* Lec. 62–105)
10356. brunneus Lec. 63–73 Ind. S.I.

Diplocœlus Guér.
10357. rudis Lec. 63–73 Ind. Fla.
philothermoides Reit. 77–189 [Miss. Tex.
*
58. angusticollis Horn 78–605 Mich.
— mus Reit. 77–189 (W.I. or Cal.?)

CRYPTOPHILINI

Cryptophilus Reit. 74–381
10359. integer (Heer) 40–426 Eur.& Tex. La. Miss. Ind.

TELMATOPHILINI

Telmatophilus Heer 41–417
10360. americanus Lec. 63–70 Can.-Colo. Ind.

Loberus Lec. 61–98
10361. impressus Lec. 63–70 Fla. M. St. R.I. Ind.
62. subglaber Csy. 00–83 N.J.
63. imbellis Csy. 00–83 Fla.
64. ornatus Schffr. 04–201 Tex.

Tomarus Er. 47–95
10365. pulchellus Lec. 66–71 R.I.-Miss. Ind. Fla.
66. obsoletus Csy. 00–85 Ariz.
67. hirtellus Sz. 78–358 Fla.
? acutus Reit. 75–86 N.Am.
68. chamæropis Schffr. 04–202 Tex.
69. bisignatus Horn 95–239 Ariz. L.Cal.

CRYPTOPHAGINI

Antherophagus Latr. 29–507
10370. ochraceus Melsh. 44–115 Pa. N.Y.-Minn. Ind.
71. pallidivestis Csy. 00–89 Ut. [Nfld.
72. convexulus Lec. 63–71 Wis. Can.
73. suturalis Mäkl. 53–208 Alas.

Pharaxonotha Reit. 75–84
10374. kirschi Reit. 75–44 †Mex. Ill. Tex.
conradti (Gorh.) 98–248

Emphylus Er. 46–346
10375. americanus Lec. 79–513 Cal. Ut. Colo.

Crosimus Csy. 00–89
10376. obesulus Csy. 00–90 N.Y.
77. hirtus Csy. 00–90 Ia. Ind.

Salebius Csy. 00–90
10378. sexdentatus Csy. 00–90 Alas.
79. minax Csy. 00–91 Cal.
80. lictor Csy. 00–91 Cal.
montanus Csy. 00–91 Cal.
81. tarsalis Csy. 00–91 Cal.
82. octodentatus (Mäkl.) 52–337 Alas.

Cryptophagus Hbst. 92–172
10383. validus Kr. 56–240 †Greenland
84. acutangulus Gyll. 27–285 Ind. Eur. & N.Am.†Greenland
85. cellaris Scop. 63–16 †Eur. N.Y. Mich. So.Cal.
86. debilis Lec. 58–64 Cal. So.Cal.
87. bidentatus Mäkl. 53–208 Alas.
88. confertus Csy. 00–94 Colo.

† Introduced.

Cryptophagus Hbst.

10389. nodifer Csy. 00–94 N.J.
90. parvinoda Csy. 00–94 Ind.?
91. infuscatus Csy. 00–95 Pa.
92. plectrum Csy. 00–95 D.C.
93. cicatricosus Csy. 00–95 N.Y.
94. politus Csy. 00–95 N.C.
95. difficilis Csy. 00–95 (Lec. mss.) L.Sup.
96. plenus Csy. 00–96 Fla.
97. amputatus Csy. 00–96 N.C.
98. croceus Zimm. 69–257 S.C.-Ill.-Ind.
crinitus Zimm. 69–257 [Conn.
99. laticlavus Csy. 00–96 Pa. Ind.
10400. inscitus Csy. 00–97 Cal.
cribricollis Csy. 00–97 Cal.
01. brevipilis Csy. 00–97 Cal.
02. lepidus Csy. 00–97 Cal.
03. depressulus Csy. 00–98 L.Sup.
04. porrectus Csy. 00–98 Ut.
05. antennatus Csy. 00–98 Mich.
06. valens Csy. 00–98 Pa.
07. histricus Csy. 00–99 Ut.
08. fungicola Zimm. 69–257 S.C. Ind.
09. discedens Csy. 00–99 Ariz.
10. fumidulus Csy. 00–99 Ut.
11. lecontei Harold 68–884 So.Cal.
pilosus || Lec. 58–64
hirtulus || Lec. 63–33
12. hebes Csy. 00–100 Alas.

Cryptophagus Hbst.

10413. lyraticollis Csy. 00–100 Cal.
14. otiosus Csy. 00–100 Cal.
15. lapponicus Gyll. 27–286 Eur. & N.Am.
16. nodangulus Zimm. 69–257 Ind. [Alas.
17. saginatus Sturm 45–88 †Eur.& N.Am.
— quadridentatus Mann. 43–256 [S.C. Alas.
— tuberculosus Mäkl. 53–338 Alas.
— punctatissimus Mäkl. 53–209 Alas.
— quadrihamatus Mäkl. 53–208 Alas.
— pubescens Melsh. 44–114
— gilvellus Melsh. 44–114
— beringensis Sahlb. 85–54 Sib. Alas.

Henoticus Thoms. 70–67
(*Paramecosoma* Curt. 33–186)

10418. serratus (Gyll.) 27–171 Ind. Eur.& N.Am. Lab. Mich. Colo.
denticulata (Lec.) 50–223 Can.Pa.Mass. N.H. So.Cal.
19. californicus (Mann.) 43–256 Cal.
inconspicua (Lec.) 63–33

Pteryngium Reit. 87–34

10420. crenatum (Gyll.) 27–171 Eur. & L.Sup.
21. malacum Csy. 00–102 Alas. Ind.

ATOMARIINÆ

CÆNOSCELINI

Cænoscelis Thoms. 63–266
(*Cænoscelis* ‡ auct.)

10422. ferruginea Sahlb. 17–58 Alas. Ind.
?testacea Zimm. 69–258 S.C. Ky. Pa.
23. ochreosa Csy. 00–105 Colo.
24. parallela Csy. 00–105 Colo.
25. angusticollis Csy. 00–105 ?
26. shastanica Csy. 00–106 Cal.
27. macilenta Csy. 00–106 N.Y. Pa.

Cænoscelis Thoms.

10428. basalis Csy. 00–106 N.Y.
29. ovipennis Csy. 00–107 N.C.
30. macra Csy. 00–107 Ky.
31. elongata Csy. 00–107 Pa. Ind.
32. obscura Csy. 00–107 Pa.
33. subfuscata Csy. 00–107 Ky. Ind.
— cryptophaga Reit. 75–87 Sib. N.Am.?

ATOMARIINI

Holdhaus 03

Atomaria Steph. 30–46
(*Agathengis* Gozis 86–36)

10434. subnitens Csy. 00–109 Mich.
35. carinula Csy. 00–110 Pa.
36. pumilio Csy. 00–110 Mass.-Ia. Man.
37. patens Csy. 00–110 Mich.-Pa.
38. crassula Csy. 00–110 Pa.-Colo.
39. capitata Csy. 00–111 Colo.
40. quadricollis Csy. 00–111 Colo.
41. constricta Csy. 00–111 Colo.
42. tenebrosa Csy. 00–111 Colo.
43. coloradensis Csy. 00–112 Colo.
44. stricticollis Csy. 00–112 Id.
45. lucida Csy. 00–112 Colo.
46. luculenta Csy. 00–112 Ariz.?
47. forticornis Csy. 00–113 N.Mex. Colo.
48. macer Csy. 00–113 Ariz.
49. ochronitens Csy. 00–113 Cal.
50. undulata Csy. 00–113 Cal.

Atomaria Steph.

10451. melas Csy. 00–114 Cal.
52. soror Csy. 00–114 Cal.
53. cribripennis Csy. 00–114 Cal.
54. dispersa Csy. 00–115 Cal.
55. puella Csy. 00–115 Cal.
56. castanea Csy. 00–115 Cal.
57. vespertina Mäkl. 53–210 Alas.
58. parvicollis Csy. 00–116 Cal.
59. subrecta Csy. 00–116 Cal.
60. nigricollis Csy. 00–117 Cal.
61. longipennis Csy. 00–117 Cal.
62. subdentata Csy. 00–117 Cal.
— fuscicollis Mann. 52–338 Alas. Eur.
— planulata Mäkl. 53–210 Alas.
— apicalis Er. 46–395 Eur. N.Am. Mass.-Man.
— nigriventris Steph. 30–69 Eur. So.Cal.
— diluta Er. 46–385 Eur. Id.
— pulchra Er. 46–383 Eur. Me. Cal.

† Introduced.

Atomaria Steph.
— linearis Steph. 36–70 Eur. Nev. Ia.
— wollastoni Sharp 67–435 Eur. Can.
— ruficornis Marsh. 02–325 Eur. So. Cal.

Anchicera Thoms. 63–274
10463. ephippiata Zimm. 69–258 R.I.-Colo. Ind. Man.
a. hesperica Csy. 00–119 Wash.
64. lætula Lec. 57–39 Wash. So.Cal.
65. nubipennis Csy. 00–119 Cal.
66. postpallens Csy. 00–119 Cal. Nev.
67. distincta Csy. 00–120 D.C.
68. divisa Csy. 00–120 Ia.
69. gilvipennis Csy. 00–120 N.J.
70. saginata Csy. 00–121 Can.
71. ochracea Zimm. 69–258 D.C. Ind. Man.
?fuscata Schon. 06–100 Eur. N.Am.
a. lacustris Csy. 00–121 L.Sup.
b. pennsylvanica Csy. 00–121 Pa.
72. curtula Csy. 00–122 Can. Conn.

Anchicera Thoms.
a. pumilio Csy. 00–122 Ia.
10473. gonodera Csy. 00–122 N.Y. Ind.
74. riparia Csy. 00–122 Del.-Fla.
75. subalutacea Csy. 00–122 R.I.
76. incerta Csy. 00–123 Colo.
77. brevicollis Csy. 00–123 Colo.
78. aleutica Csy. 00–123 Alas.
79. oblongula Csy. 00–124 Colo.
80. crypta Csy. 00–124 Ia.
81. pusilla Payk. 98–295 Eur.&N.Am.
82. fallax Csy. 00–124 Cal. [Ind.
83. ovalis Csy. 00–125 Can.-Ia. Ind.
84. fulvipennis Mann. 46–515 Alas.
85. inepta Csy. 00–125 Cal.
86. nanula Csy. 00–125 Cal.
— kamtschatica Mots. 45–362 Alas. Sib.
— lepidula Mäkl. 52–338 Alas.
— mesomelas Hbst. 92–143 N.Am.?

Tisactia Csy. 00–126
10487. subglabra Csy. 00–126 Ind.

EPHISTEMINI

Ephistemus Steph. 29–167
10488. apicalis Lec. 63–72 N.Y.-Ind.

Ephistemus Steph.
10489. cactophilus Sz. 99–9 Ariz.

MYCETOPHAGIDÆ

Leconte 56; Horn 78; Casey (Tritomidæ) 00

MYCETOPHAGINI

Mycetophagus Hellw. 92–394
(*Tritoma* Geoff.)
10490. punctatus Say 26–260 N.Y. N.C. Ind.
91. flexuosus Say 26–260 Ind. Conn.-Mont. Fla.
a. bimaculatus Melsh. 44–114
subdepressus Csy. 00–132 N.C. Ind.
92. serrulatus Csy. 00–132 Va.
93. pictus Csy. 00–132 N.Y.
94. quadralius Csy. 16–172 N.C.
95. tribalteatus Csy. 16–173 N.C.
96. californicus Horn 78–604 So.Cal. Wash.
97. provensis Csy. 16–174 Ut.
98. arizonicus Schffr. 00–211 Ariz.

(*Ilendus* Csy. 00–131)
99. melsheimeri Lec. 56–13 Tex. Ind.
10500. obscurus Lec. 56–13 Ga. Ind.
01. pluripunctatus Lec. 56–13 Ind. Mich.
02. pini Zieg. 44–270 N.C. Fla.

(*Parilendus* Csy. 00–131)
03. bipustulatus Melsh. 44–114 Mass. Neb. Ind.
04. confusus Horn 78–605 Colo. Ariz.

(*Gratusus* Csy. 00–131)
05. pluriguttatus Lec. 56–13 Cal. So.Cal.
06. notatulus Csy. 00–134 B.C.
07. tenuifasciatus Horn 78–604 N.H.-B.C.
08. obsoletus Melsh. 44–113 Va. Ind. Mich.

Typhæa Curt. 30–70
10509. fumata L. 66–654 Cosmop. Ind. Fla. So.Cal. Ariz. Conn.

Litargus Er. 46–415
10510. grandis Schffr. 10–212 Ariz.

(*Tilargus* Csy. 00–135)
11. tetraspilotus Lec. 56–14 Ind. R.I. L.Sup. Fla.

(*Litargus* s. str.)
12. sexpunctatus Say 26–261 Ill. Kan. Ind.
a. obsolescens Csy. 00–135 N.J. Ind. [Fla.

(*Alitargus* Csy. 00–136)
13. balteatus Lec. 56–14 Tex.-So.Cal. Ind. Ariz.
inflatus Lec. 56–14 Ill. Fla.
a. transversus Lec. 56–14 Cal.

(*Litargellus* Csy. 00–136)
14. nebulosus Lec. 56–15 Pa.-Ut. N.Mex. Fla.
15. longulus Csy. 16–175 N.Mex.
16. pallens Csy. 16–175 N.Y.

(*Paralitargus* Csy. 00–136)
17. didesmus Say 26–261 R.I. Fla. Ill. Ind. Man.
18. asperulus Csy. 00–136 Dak.

Thrimolus Csy. 00–137
10519. minutus Csy. 00–137 Tex. Ind.
20. duryi Csy. 16–176 Ohio

MYRMECHIXENINI

Myrmechixenis Chev. 35–267
(*Myrmecoxenus* Chev. 35–267)

Myrmechixenis Chev.
10521. latridioides Cr. 73–363 S.C.-So.Cal. Tex.

COLYDIIDÆ

Horn 78; Casey 90, 97; Kraus 12

MEGATAPHRINI

Megataphrus Csy. 90–309
10522. tenuicornis Csy. 90–310 No.Cal.

RHAGODERINI[1]

Rhagodera Er. 45–255
10523. tuberculata Mann. 43–300 Alas.-Ariz.
24. costata Horn 67–293 Ariz. [So.Cal.

Anchomma Lec. 58–63
10525. costatum Lec. 58–63 So.Cal.

SYNCHITINI

Synchita Hellw. 92–401
10526. laticollis Lec. 63–66 N.Y.-N.C.
27. variegata Lec. 58–63 So.Cal.
28. obscura Horn 85–140 D.C.
29. parvula Guér. 29–189 Fla. M. St. Ind.
(*Endeitoma* Sharp 94–450)
30. fuliginosa Melsh. 46–111 M.St.Ga.Fla.
nigripennis Lec. 63–67 Fla. Mich.
31. granulata Say 25–266 Fla. Pa. Ga.
32. dentata Horn 85–139 Fla. [Mo. Ind.

Eucicones Sharp 94–453
(*Cicones* ‡ Horn nec Curtis)
10533. marginalis (Melsh.)46–112 Pa.-Kan. Ind.
34. latus Csy. 97–632 Ind.?

Acolobicus Sharp 88–452
10535. lineaticollis (Horn) 78–564 S.C. Fla.

Bitoma Hbst. 93–261
(*Ditoma* G.& H. Cat. 851)
(*Eulachus* Lec. nec Er.)
(*Synchytodes* Cr. 73–45)
10536. carinata (Lec.) 63–68 Ga. Fla.
37. vittata Schffr. 07–137 Tex.
38. quadricollis Horn 85–140 N.C. O. Fla.
39. pinicola Schffr. 07–138 N.J.
40. ornata Lec. 58–63 So.Cal. Ariz.
41. quadriguttata Say 25–266 M.St.-Tex. Ind. Fla. Conn. Mich.
zimmermanni Guér. 29–194
42. granulata Blatch. 10–552 Ind.
43. discolor Schffr. 07–138 Fla. Cuba
44. prosopis Schffr. 07–139 Tex.
45. suffusa Csy. 97–631 Ariz.
46. sulcata Lec. 58–63 So.Cal. Ariz.
47. gracilis Sharp 94–460 Ariz. Mex.

Eudesmula Ckll. 06–241
(*Eudesma* || Lec. 63–66)
10548. undulata (Melsh.) 46–110 Pa. O.

Endophlœus Er. 45–256
10549. nosodermoides Horn 78–567 Cal.

Phlœonemus Er. 45–258
10550. catenulatus Horn 78–568 So.Cal. Ariz.
?adhærens Sharp 94–451

Coxelus Latr. 29–31
10551. guttulatus Lec. 63–65 M.St. Ind.
52. pacificus Horn 78–569 Vanc.
53. serratus Horn 85–142 Cal.

Lasconotus Er. 45–258
10554. flexuosus Kraus 12–28 Wash.
55. complex Lec. 59–282 Tex. Ut.-Vanc.
56. tuberculatus Kraus 12–28 Colo.-Cal.
57. nucleatus Csy. 90–314 Cal. Or.
58. borealis Horn 78–570 Mich. N.H.
59. intricatus Kraus 12–30 Wash.
60. pertenuis Csy. 90–313 Cal.
61. linearis Cr. 74–75 So.Cal.
62. apicalis Csy. 90–315 Cal.
63. schwarzi Kraus 12–31 Id.-Vanc.
64. vegrandis Horn 85–140 Cal.
65. referendarius Zimm. 69–254 D.C. Fla. Tex.
66. servus Horn 85–141 So.Cal. Ariz.
67. simplex Lec. 66–378 Cal. Ariz. N.Mex.
68. planipennis Kraus 12–32 N.Mex.-Cal.
69. fiskei Kraus 12–33 Tex.
70. bitomoides Kraus 12–33 So.Cal. Ariz.-N.Mex.
71. pusillus Lec. 63–57 O. N.C. Ga. Fla. Tex. Neb.
72. subcostulatus Kraus 12–34 Neb.-Wash.
73. laqueatus Lec. 66–378 Ariz. Neb.-N.Mex.
74. concavus Csy. 90–315 Colo.-Ariz.

Lobogestoria Reitter 78–31
(*Aditoma* Csy. 97–630)
10575. gibbicollis Reit. 78–31 Cuba
bifida Csy. 97–630 Fla. Ga.

COLYDIINI

Colydii

Aulonium Er. 45–275
10576. parallelopipedum (Say) 25–263 U.S. Ind. Fla.
æquicolle Lec. 59–81 Cal.
10577. longum Lec. 66–378 N.Ariz. Colo. Or. So.Cal.
78. tuberculatum Lec. 63–67 Ind. Ga.-Va.
?bicolor Hbst. 97–285 Eur. [La.Fla.
79. ferrugineum Zimm. 69–254 S.C.-Fla.

[1] Lycoptis Csy. 90–311 will be found in Ostomidæ, p. 194.

Colydium Fab. 93–495
10580. lineola Say 25–264 Ind. Pa. La. Or. Vanc. Fla.
nigripenne Lec. 63–67 [Conn.
?longiusculum Say 25–264

Nematidii

Nematidium Er. 45–275
10581. mustela Pasc. 63–34 N.C. Fla. La.
filiforme Lec. 63–68

Nematidium Er.
?cylindricum (Fab.) 01–557

Agleni

Aglenus Er. 45–285
10582. brunneus (Gyll.) 08–711 †Eur.&N.Am. Mo. Cal. So.Cal.
obsoletus (Shuck.) 40–27

DERETAPHRINI

Oxylæmus Er. 45–282
10583. americanus Lec. 63–68 Pa.
84. californicus Cr. 74–75 So.Cal.

Deretaphrus Newn. 42–403
10585. oregonensis Horn 72–146 Or.

Sosylus Er. 45–288
(*Pleuridium* Lec. 62–91)
10586. costatus Lec. 63–68 S.C. Fla.
87. dentiger Horn 78–582 L.Cal.
88. extensus Csy. 97–633 Tex. Fla.

PYCNOMERINI

Penthelispa Pasc. 63–36
(*Endectus* Lec. 63–91)
10589. hæmatodes (Fab.) 01–562 Pa.-Tex. Fla.
brevicornis Melsh. 44–112
90. reflexa (Say) 25–262 Pa.-Ga. Ind.

Penthelispa Pasc.
nitidus (Lec.) 63–69

Pycnomerus Er. 42–214
10591. sulcicollis Lec. 63–69 So.St. Ind. Fla.

BOTHRIDERINI

Bothrideres Er. 45–288
10592. geminatus (Say) 25–262 Atl.-Tex. Ind. Fla.
93. montanus Horn 78–587 Colo. Ariz.
94. cactophagi Sz. 99–10 Ariz.

Lithophorus Sharp 94–487
10595. succineus Pasc. 60–108 Tex.

Erotylathris Mots. 61–130
(*Prolyctus* Zimm. 69–274)
(*Machlotes* Pasc. 63–36)
10596. exaratus (Melsh.) 46–111 So. St. O.
geminatus Hald. 44–104

CERYLONINI

Cerylon Latr. 07–205
10597. sylvaticum Csy. 97–635 Id. Cal.
98. castaneum Say 25–259 Atl.-Ill. Ind.
augustulum Lec. 63–69 [Ariz.
99. unicolor Zieg. 46–70 Atl.-Ill.
10600. simplex Lec. 57–39 Cal.
01. sticticum Csy. 97–636 Ia.
02. clypeale Csy. 97–636 Kan.

Cerylon Latr.
10603. californicum Csy. 90–316 Cal.

Philothermus Aubé 43–93
10604. glabriculus Lec. 63–69 Atl. St. Ind. Fla. Mich.
05. puberulus Sz. 78–361 Fla.

MURMIDIIDÆ[1]

Murmidius Leach 22–41
10606. ovalis Beck 17–1 †Eur. & N. Am. D.C. La. Alas. Cal.

Mychocerus Er. 45–292
10607. depressus (Lec.) 66–376 D.C. S.C. O. Fla.

Botrodus Csy. 90–319
10608. estriatus Csy. 90–320 Tex. Fla.

Lapethus Csy. 90–317
10609. discretus Csy. 90–318 Cal.

Eupsilobius Csy. 95–454
10610. politus Csy. 95–455 So.Fla.

MONŒDIDÆ

(= *Adimeridæ*)

Monœdus Horn 82–116
(*Adimerus* Sharp 94–441)

Monœdus Horn
10611. guttatus Lec. 82–116 Fla. W. I.

† Introduced.
[1] This family has been divided into four tribes by Casey.

LATHRIDIIDÆ

Aubé 43; Leconte 55; Belon 97; Fall 99

MEROPHYSIINI

Holoparamecus Curtis 33–186

10612. ragusæ Reit. 75–309 Pa. Mo.
13. singularis Beck 17–14 Eur.& N. Am.?) †N.Y.
14. kunzei Aubé 43–245 N.Y. So.Cal. [Ariz.

Holoparamecus Curtis
(*Calyptobium* Aubé 43–241)

10615. pacificus Lec. 63–72 So.Cal. Ariz.
16. floridanus Fall 99–109 Fla.
17. caularum Aubé 43–244 So.Cal. Eur.

DASYCERINI

Dasycerus Brong. 99–115

10618. carolinensis Horn 82–117 N.C. Ga.
19. angulicollis Horn 82–117 Cal.

Dasycerus Brong.
grouvellei Bel. 88–98

LATHRIDIINI

Metophthalmus Woll. 54–192
(*Bonvouloiria* Duv. 59–245)

10620. parviceps (Lec.) 55–304 Cal.
21. americanus Mots. 66–233 Ala.
22. rudis Fall 99–115 Cal. So.Cal.
23. trux Fall 99–115 Tex. So.Cal.
24. albosignatus Fall 99–115 Fla.
biscayniana Sz. mss.

Lathridius Hbst. 93–3
(*Stephostethus* Lec. 78–601)

10625. productus Rosenh. 56–351 N.Am.? Eur.
26. lardarius DeG. 75–45 Eur.& Alas.
27. breviclavus Fall 99–117 Mich. L.I.
28. armatulus Fall 99–118 Cal. So.Cal.
29. montanus Fall 99–118 Colo.
30. costicollis Lec. 55–303 Colo.-B.C.
?fulvipennis Mann. 53–213 Alas.
31. liratus Lec. 63–72 Ind. Can. N.Eng. D.C.
trilobatus Mots. 66–240 N.Am. [Man.
32. bergrothi Reit. 80–53 Greenland
— cinnamopterus Mann. 53–213 Alas.
— curtulus Mann. 53–215 Alas.

Coninomus Thoms. 63–217

10633. constrictus Gyll. 27–138 Cosmop. So. Cal.
carinatus Gyll. 27–137 Alas. Mich.
incisus Mann. 44–80 [Ill.Ariz.Man.
sculptilis Lec. 55–303
34. australicus Bel. 87–223 Cal. So.Cal.
sculptilis Bel. 87–222 (non Lec.)
35. nodifer Westw. 38–55 Eur. Wash.
— strangulatus Mann. 53–214 [Or. Cal. Va.

Enicmus Thom. 59–63
(*Conithassa* Thom. 59–93)

10636. protensicollis Mann. 43–299 Alas.
sobrinus Mann. 52–362
quadricollis Mann. 43–299
37. suspectus Fall 99–125 Or. So.Cal.
38. desertus Fall 99–125 Ariz. So.Cal.
39. hirtus Gyll. 27–139 Eur. N. H. N.Y. Mont.
40. nigritus Fall 99–126 Wash. Cal.
41. consimilis Mann. 44–99 Ind. Eur.
parallelicollis Mann. 44–101 [Alas Mich.

Enicmus Thom.

10642. minutus (L.) 58–675 Ind. U.S.& Can. Lab. Nfld. So.Cal. †Greenland Cosmop. Alas. La. Mass.
reflexus Lec. 55–304
43. crenatus Lec. 55–304 Cal. Ut. Tex.
44. læviventris Fall 99–128 Or. [So.Cal.
45. strennus Fall 99–128 Colo.
(*Enicmus* s.str.)
46. aterrimus Mots. 66–253 Mass.-So.Cal.
?brevicornis Mann. 43–102 Eur.
opaculus Lec. 78–600
ferrugineus Bel. 95–92 Fla.
a. nitens Fall 99–129 Mich. Man.
47. duplicatus Lec. 78–600 Ill. Mich.
48. maculatus Lec. 78–600 Va. O. Mich.
49. crassipunctatus Fall 99–130 Ariz.
50. fictus Fall 99–131 H.B.T. Mont. Colo. Cal.
51. mimus Fall 99–131 Colo. Id. Man.
52. vanus Fall 99–132 Colo.
53. mendax Fall 99–132 Ariz.
54. ventralis Fall 99–133 Cal.
55. cordatus Bel. 95–91 Or. B.C.
56. tenuicornis Lec. 78–601 Ariz. Cal.-
laticollis Lec. 78–601 [N.Y. So.Cal.
57. sulcatulus Fall 99–134 Cal.

Cartodere Thom. 59–219

10658. quadrifoveolata Fall 99–136 Cal.
59. ruficollis Marsh. 02–111 †Eur. Mass.
pulicaria Melsh. 44–115 [Or. Ind. Conn.
60. costulata Reit. 77–114 †Eur. Mass. Pa. Mich.
61. filiformis Gyll. 27–143 †Eur. Pa. Mich. Mo.
62. argus Reit. 84–35 †Eur. Mich.- Or. So.Cal.
63. intermedia Bel. 84–192 N.Am.
64. filum Aubé 50–334 †Eur. N.Y. Can. Colo.
65. elegans Aubé 50–334 †Eur. D.C.
— cordicollis Mann. 43–300 Alas. [Mich.

Adistemia Fall 99–141

10666. watsoni (Woll.) 71–253 †Eur. D.C.

† Introduced.

Eufallia Muttk. 10–162
(*Belonia* || Fall 99–142)
10667. seminivens (Mots.)66–265 Cuba
unicostata Bel. 87–225 Mex. Fla.

Revelieria Perris 70–12
10668. californica Fall 99–144 Cal. So. Cal.

CORTICARIINI

Corticaria Marsh. 02–106
10669. pubescens Gyll. 27–123 Eur. Mass.-Ia. Mich.
grossa Lec. 55–299 Mass.
70. rudis Fall 99–150 N.Mex.
71. fulva Com. 37–39 Cosmop. Man.
72. varicolor Fall 99–151 Mich.-Colo. Mont.
73. parallela Fall 99–152 Colo. Alb.
74. valida Fall 99–153 N.Ill.-B.C.
75. inopia Fall 99–153 Cal.-Nev.
76. planula Fall 99–154 So.Cal. Colo. Mont.
77. salpingoides Mots. 67–64 Cal. B.C.
78. columbia Fall 99–155 B.C.
79. serricollis Lec. 55–299 L.Sup. Can.
80. poculifera Fall 99–157 Nev. [N.H.
81. prionodera Lec. 55–300 Cal.
82. carolina Fall 99–158 S.C.
83. cribricollis Fall 99–159 Tex.
84. amplicollis Fall 99–159 N.C.
85. serrata (Payk.) 00–300, Ct. Cosmop. Ind. Fla.
octodentata Say 23–325 Neb. N.Y. Mich. So.Cal.
86. incerta Fall 99–161 N.H. L.Sup.
87. apicalis Fall 99–161 La.
88. occidua Fall 99–162 So.Cal.-Colo. Ariz.
89. dentigera Lec. 55–300 Mich. Lab. Mass. Colo. Wash. Fla.
90. tenuipes Fall 99–163 Cal. So.Cal.
91. temporalis Fall 99–164 Tex.
92. brevicornis Fall 99–164 Mass. Mich. Fla.
93. elongata Gyll. 27–130 So.Cal. Cosmop. Mich. Ind. Fla.
94. ferruginea Marsh. 02–111 Ct. Cosmop. Ind. Nfld. Lab. Fla. So.Cal.
deleta Mann. 53–212 Mich. Alas.
denticulata Kby. 37–110 L.Sup.
kirbyi Lec. 55–300 L.Sup.
obtusa Lec. 55–300 N.Y.
rugulosa Lec. 55–300 L.Sup.
— canaliculata Mann. 53–211 Alas.
— debilis Mots. 67–61 Pa.
— depressiuscula Mots. 67–72 N.Am.
— ferruginosa Mots. 67–73 Ga.
— spinulosa Mann. 52–361 Alas.
— striatopunctata Mots. 67–56 Pa.
— transversalis Gyll. 27–133 Eur.(N.Am.?)

Melanophthalma Mots. 66–269
(*Cortilena* Mots. 67–95)
10695. chamæropis Fall 99–171 Fla.

Melanophthalma Mots.
10696. picta Lec. 55–303 Ind. Mass. Tex. Fla.
97. casta Fall 99–172 Cal. So.Cal.
98. simplex Lec. 55–303 Md. Fla. Cal.
nigripennis Mots. 67–96 [So.Cal. Ariz.
subimpressa Zimm. 69–256
(*Melanophthalma* s.str.)
99. villosa Zimm. 69–256 N.H.-Cal.
10700. insularis Fall 99–174 So.Cal. Ids.
01. distinguenda Com. 37–38 Cosmop. Ind. Conn. L.Sup. Fla. Can. Mass. So.Cal. Pa.Ill.Ala.Ga.
pusilla ‡ Melsh. 44–116 (non Mann.)
morsa Lec. 55–302
rufula Lec. 55–303
subangulata Mots. 66–281
02. floridana Fall 99–175 Fla.
03. pumila Lec. 55–302 N.H.-B.C.
04. aculifera Fall 99–175 Fla. [Ind.
(*Corticarina* Reit. 80–58)
05. gibbosa Hbst. 93–5 Cosmop. Ind. So.Cal.
06. incompta Fall 99–177 So.Cal.
07. similata Gyll. 27–134 Vanc.-So.Cal.
herbivagans Lec. 55–302 Cosmop.
laevis Lec. 55–302
08. regularis Lec. 55–301 N.J.
09. terricula Fall 99–178 Wy.
10. alberta Fall 99–179 Alb.
11. longipennis Lec. 55–300 Ind. Mass. Ia. Fla.
12. americana Mann. 44–50 Pa.-Vanc. Ind. Ariz.
compta Lec. 55–301 So.Cal.
expansa Lec. 55–301 So.Cal.
grata Lec. 55–301 L.Sup.
scissa Lec. 55–301 So.Cal.
13. cavicollis Mann. 44–57 N.H.-Mont.
angularis Lec. 55–301 [Ind. Fla.?
14. tenella Lec. 55–301 So.Cal.
— pusilla Mann. 44–48 Cal.
— exigua Mann. 53–212 Alas.
— orbicollis Mann. 53–211 Alas.
— helvola Mots. 66–275 Pa.
— inculta Mots. 66–283 Ga.
— inermis Mots. 66–283 La.
— cylindrinotata Mots. 66–288 Cal.
— rectangula Mots. 67–87 La.
— ovipennis Mots. 67–81 Pa.
— pullula Mots. 67–89 Ala.
— serricella Mots. 67–93 Ala.
— planiuscula Mots. 67–94 Ala.

Fuchsina Fall 99–183
10715. occulta Fall 99–183 Cal. So.Cal.

MYCETÆIDÆ

Csiki 10

MYCETÆINI

Mycetæa Steph. 30–80
10716. hirta (Marsh.) 02–124 Eur. & N.Am. Md. N.Y. Mich. Pa. Mass.

LIESTHINI

Rhanis Lec. 53–360
10717. unicolor (Ziegl.) 44–272 M.& S.St. Ind.
apicalis (Melsh.) 46–177
hæmorrhoidalis (Guér.) 57–275

Phymaphora Newn. 38–389
10718. pulchella Newn. 38–389 Can.M.& S. St. Ind. Man.

Phymaphora Newn.
crassicornis (Melsh.) 46–176
puncticollis (Ziegl.) 44–271
10719. californica Horn 80–142 Cal.

ENDOMYCHIDÆ

Leconte 52; Gerstaecker 58; Crotch 73; Gorham 73; Csiki 10

ENDOMYCHINÆ

LYCOPERDININI

Lycoperdina Latr. 07–73
(*Golgia* Muls. 46–20)
10720. ferruginea Lec. 24–172 M.& S.St. Ind.
angulata (Say) 25–303 Conn. L.Sup.
glabrata Guér. 57–271

Aphorista Gorh. 73–45
10721. humeralis Gorh. 73–45 Cal.
22. læta (Lec.) 52–358 So.Cal.-Vanc.
23. limbata (Horn) 70–96 Cal.
endomychoides (Fall) 01–304 Cal.
24. morosa (Lec.) 59–82 So.Cal.
25. pallida (Horn) 70–96 Colo.
26. vittata (Fab.) 87–44 M.& S.St. Ind. Conn. L.Sup.
lineata (Oliv.) 08–1072 [Man.
distincta (Say) 25–303

Aphorista Gorh.
a. ovipennis Csy. 16–144 L.Sup.

Mycetina Muls. 46–15
10727. perpulchra (Newn.) 38–390 M.S. & W.St. Ind. Conn. L.Sup.
quadriguttata (Melsh.) 46–176
28. horni Cr. 73–360 Cal. Or.
29. idahoensis Fall 07–174 Idaho
30. testacea (Ziegl.) 44–272 M.&St.Ind.
ferruginea Guér. 57–267 [Conn.
lutea (Melsh.) 46–176
pilosa (Melsh.) 46–176

Xenomycetes Horn 80–141
10731. morrisoni Horn 80–141 Nev.

EPIPOCINI

Epipocus Germ. 43–86
10732. cinctus Lec. 52–358 Tex. Mex.
33. mutilatus Gerst. 58–249 Tex. Mex.
34. punctatus Lec. 52–358 Ga. Fla.
35. discoidalis Lec. 52–358 Tex.
36. bivittatus Gerst. 58–243 Tenn. S.C. Fla.

Epipocus Germ.
10737. unicolor Horn 70–96 Ariz. Colo.

Epopterus Chev. 44–380
10738. partitus Gerst. 58–277 Mex. Tex.

STENOTARSINI

Stenotarsus Perty 32–112
10739. hispidus (Hbst.) 99–374 Conn. Fla. O.
limbatus (Guér.) 57–270
vestitus (Say) 25–304
40. solidus Csy. 16–144 N.C.

Rhymbomicrus Csy. 16–139
(*Alexia* ‡ auct.)
10741. lobatus (Lec. & Horn) 83–121

Anamorphus Lec. 78–445
10742. pusillus (Zimm. mss.) Lec. 78–445
43. waltoni Blatch. 18–423 Ohio [Fla.

Rhymbus Gerst. 58–347
10744. ulkei (Cr.) 73–362 D.C. Fla. Ind.
a. granulatus (Blatch.) 10–535 Ind.
45. minor (Cr.) 73–362 D.C. Ill. Ga.
minutus Gorh. 73–56 [La. Ind.

Rhymbus Gerst.
(*Symbiotes* Redt. 49–198)
10746. impressus (Dury) 12–102 Ohio
47. waltoni (Dury) 12–103 Ohio
48. duryi (Walton) 10–536 Ohio

Rhymbus Gerst.
10749. montanus Csy. 16–140 Colo.
50. lacustris Csy. 16–141 Mich.
51. oblongus Csy. 16–142 Pa.
52. pilosus Csy. 16–143 N.Y.

ENDOMYCHINI

Endomychus Panz. 95–175
10753. biguttatus Say 24–96 M.S.W.St. Ind. Conn. L.Sup.

PHALACRIDÆ

Leconte 56; Casey 90, 16

Phalacri

Phalacrus Payk. 98–438
10754. vernicatus Csy. 16–37 N.C.
55. sayi Csy. 90–96 N.Mex. Ariz.
56. penicillatus Say 34–91 Colo. N.Mex. Ariz. So.Cal.
57. rupimontis Csy. 16–38 Wy.
58. capax Csy. 16–38 So.Cal.
59. ovalis Lec. 56–15 So.Cal.
60. californicus Csy. 16–39 Cal.
61. atrolucens Csy. 16–39 Cal.
62. jejunus Csy. 16–39 Cal.
63. obsidianus Csy. 16–40 Tex.
64. simplex Lec. 56–16 Ia. Tex. Colo.
65. subacutus Csy. 16–40 Colo. [Ut.
66. validiceps Csy. 16–41 N.Mex.
67. mediocris Csy. 16–41 Colo.
68. illini Csy. 16–41 No. Ill.
69. conjunctus Csy. 90–99 So.Cal. Ariz.
70. arizonicus Csy. 16–42 Ariz.
71. seriatus Lec. 56–15 Colo. Kan.
72. pumilio Lec. 56–16 Ga. Ind. Fla. Conn.
73. politus Melsh. 46–102 Ind. R.I. Mich. N.C. Mo. Fla.
74. subtropicus Csy. 16–43 Tex.-Mex.

Phalacropsis Csy. 90–101
10775. dispar (Lec.) 79–513 Colo.

Olibri

Olibrus Er. 45–113
10776. vittatus Lec. 68–50 Fla. N.Y.-N.Mex.
nigricollis Lec. 68–50 N.Y. Dak.
77. lecontei Csy. 90–103 R.I.-Va. Mo.
bicolor ‡ Lec. 56–16 (nec Fab.) Fla.
78. egenus Csy. 16–46 Dak.
79. abstinens Csy. 16–46 L.I.
80. semistriatus Lec. 56–16 R.I.-Ont. Ind.
striatulus Lec. 56–16 [Ariz. L.Sup.
81. lubricus Csy. 16–47 Tex.-Dak.
82. frustratus Csy. 16–47 N.Y.
83. bullatus Csy. 16–47 Ill.
sternalis Csy. 16–48 L.I.
84. impotens Csy. 90–108 N.Y.-Ill.
85. neglectus Csy. 16–48 N.H.-N.Y.
86. pallipes (Say) 34–90 Ind. R.I. Fla. Minn. Ariz.
87. fallaciosus Csy. 16–49 Ut.

Olibrus Er.
10788. irregularis Csy. 16–50 N.Mex.
89. blanditus Csy. 16–50 N.Mex.
90. aridus Csy. 16–50 Ut.
91. decoloratus Csy. 16–51 Ariz.
92. bakeri Csy. 16–51 Nev. Cal.
93. utealis Csy. 16–51 Ut.
94. callidus Csy. 16–51 N.Mex.
95. collucens Csy. 16–52 Colo. N.Mex.
96. voraginalis Csy. 16–52 Ariz.
97. tritus Csy. 16–52 B.C.
98. rufipes Lec. 56–16 Or. B.C.
99. pruddeni Csy. 16–53 Ariz.
10800. wickhami Csy. 90–109 So.Cal. Ariz. N.Mex.
01. calamis Csy. 16–54 N.Mex.
02. cessus Csy. 16–54 N.Mex.

Olibroporus Csy. 90–111
10803. punctatus Csy. 90–111 Fla.

Litolibrus Sharp 88–258
10804. princeps Sz. 78–361 Fla.
05. uniformis Csy. 90–115 Tex.
06. pictus Horn 96–374 L.Cal.

Acylomus Sharp 88–256
10807. vacivus Csy. 16–76 Fla.
08. morosus Csy. 16–76 Fla.
09. carbonarius Csy. 16–77 Fla.
10. ovulatus Csy. 16–77 Fla.
11. vividus Csy. 16–77 Fla.
12. piceus Csy. 93–120 D.C. N.C. Ind.
13. ergoti Csy. 93–119 Ind. Ia.-Mass.
14. pugetanus Csy. 16–79 Wash.
15. digestus Csy. 16–79 N.C.
16. integer Csy. 16–80 Tex.
17. nebulosus Csy. 93–121 So.Cal.
18. eximius Csy. 16–81 Tex.
19. abjectus Csy. 16–81 Tex.
20. confusus Csy. 16–82 La.
21. socialis Csy. 16–82 Tex.
22. texanus Csy. 16–83 Tex.
23. calcaratus Csy. 93–117 Tex. Ark. Miss.
24. humilis Csy. 16–84 Tex.
25. extricatus Csy. 93–118 Tex.
26. ellipticus Csy. 16–84 Tex.

Stilbus Seid. 72–157
(*Olisthenus* || Seid. 72–157)
(*Eustilbus* Sharp 88–253)
10827. vidnus Csy. 93–126 N.C.-Cal.

Stilbus Seid.
10828. pallidus Csy. 93–127 R.I. Mass. N.Y.
29. apicalis (Melsh.) 46–102 N.Y.-So.Cal. Ind. Ct.
consimilis Marsh. ‡ nec Melsh. Fla. L.Sup.
30. shastanicus Csy. 16–58 Cal.
31. probatus Csy. 16–59 Ia. N.Y. Man.
32. nanulus Csy. 93–131 Tex.-So.Cal.
33. limbatus Csy. 16–59 Fla.
34. ludibundus Csy. 16–60 N.Y.?
35. floridanus Csy. 93–129 Fla.
36. finitimus Csy. 16–61 Ia. N.Y.
37. obscurus Csy. 93–130 Ia. Ill. Minn.
38. sphæriculus Csy. 16–61 R.I.
39. fidelis Csy. 16–62 Fla.
40. prudens Csy. 16–62 Fla.
41. obtusus (Lec.) 56–17 So.Cal.
42. apertus Csy. 16–63 So.Cal.
43. notabilis Fall 01–230 So.Cal.
44. nitidus (Melsh.) 46–102 L.I. Fla. Tex. Ind. L.Sup.
45. convergens Csy. 93–134 Fla.
46. trisetosus Csy. 16–64 Va.
47. ludovicianus Csy. 16–65 La.
48. aquatilis (Lec.) 56–17 So.Cal.
49. thoracicus Csy. 16–66 N.Y.
50. attenuatus Csy. 93–135 Tex.

Stilbus Seid.
10851. quadrisetosus Csy. 16–66 Mich. L.I.
52. ochraceus Csy. 16–67 Cal.
53. belfragei Csy. 16–67 Tex.
54. modestus Csy. 93–133 Tex.
55. pusillus (Lec.) 56–17 D.C. Fla.
56. abbreviatus Csy. 16–68 Fla.
57. galvestonicus Csy. 16–69 Tex.
58. subalutaceus Csy. 93–133 N.J.
59. angustus Csy. 16–70 Va.

Leptostilbus Csy. 16–71
10860. rutilans Csy. 16–72 Tex.
61. concinnus Csy. 16–72 Miss.
62. elongatulus (Csy.) 93–136 Fla.

Litochrus Er. 45–108
10863. pulchellus Lec. 56–17 Fla. Tex.
64. crucigerus Csy. 93–138 Fla.
65. immaculatus Csy. 93–139 N.J. S.C. Fla.
66. aterrimus Csy. 93–140 Fla.

Erythrolitus Csy. 16–85
10867. rubens (Lec.) 56–16 N.C. Fla. Ind.

Litochropus Csy. 93–140
10868. scalptus Csy. 93–141 N.C. D.C.
69. clavicornis Csy. 16–86 Tex.

Ochrolitus Sharp 89–256
10870. tristriatus Csy. 93–142 Fla.

COCCINELLIDÆ

Mulsant 51, 53, 66; Crotch 73, 74; Leconte 80; Casey 99, 08; Leng 03, 08, 11; Johnson 10

COCCINELLINÆ

HYPERASPINI

Hyperaspis Chev. 35–459
. (*Oxynychus* Lec. 50–238)
(*Cleothera* Muls. 51–541)
10871. bolteri Lec. 80–186 Ill. Ind.
72. octonotata Csy. 99–121 Ariz.
73. montanica Csy. 99–122 Mont.
74. lateralis Muls. 51–657 Mex.& So.Cal.
pinguis Csy. 99–122 Ariz.
omissa Csy. 99–122 Ariz.
lævipennis Csy. 99–122 Cal.
a. flammula Nun. 11–72 Mont. Colo.
75. wellmani Nun. 11–73 Nev.
76. idæ Nun. 12–430 Cal.
77. bigeminata (Rand.) 38–32 Tex. Mass. Fla. Ind.
guexi Muls. 51–687 [L.Sup.
78. hæmatosticta Fall 07–222 N.Mex.
79. signata (Oliv.) 08–1047 Fla. Ga. Ill. Pa. Ind.
binotata (Say) 25–302 Ind. Fla. Conn.
normata (Say) 25–302 [L.Sup.
affinis Rand., 38–50 Mass. L.Sup.
leucopsis Melsh. 46–179
80. proba (Say) 25–503 Fla. Pa. Ill. Ind. Conn.
81. rotunda Csy. 99–123 Tex.
82. gemma Csy. 99–123 Tex.
83. fastidiosa Csy. 08–414 Cal.
84. conspirens Csy. 08–414 Ariz.
85. sexverrucata (Fab.) 01–383 Mex. & Ariz.
medialis Csy. 99–123 Tex.

Hyperaspis Chev.
10886. æmulator Csy. 08–413 Ariz.
87. triangulum Csy. 99–123 Ariz.
88. regalis Csy. 99–124 Fla.
89. imperialis Csy. 08–415 Mex. & U.S.?
90. inedita Muls. 51–684 N.C.
91. bicentralis Csy. 99–124 Tex.
92. globula Csy. 99–124 Tex.
93. centralis Muls. 51–685 Mex.
wickhami Csy. 99–124 Tex.
94. oculifera Csy. 08–415 Ariz.
95. osculans Lec. 80–187 Cal. Ariz.
96. pleuralis Csy. 99–125 Tex.
97. significans Csy. 08–416 Ut.
98. concurrens Csy. 08–416 Ut.
99. aterrima Csy. 08–416 Ut.
10900. tæniata Lec. 52–134 So.Cal. Ariz.
01. excelsa Fall 01–232 So.Cal.
02. lengi Schfr. 05–144 Tex.
03. nevadica Csy. 99–125 Nev.
04. psyche Csy. 99–125 Cal.
05. dissoluta Cr. 73–379 L.Sup. So.Cal.
06. colorodana Csy. 08–417 Colo. [Ind.
07. trifurcata Schfr. 05–143 Tex.
08. fimbriolata Melsh. 46–180 Kan. L.Sup. Fla. Ind. Pa.
rufomarginata Muls. 51–661 Tex. Colo. So.Cal. Fla. Ariz. Conn.
09. limbalis Csy. 99–126 Cal.

Hyperaspis Chev.
10910. protensa Csy. 08–417 Ariz.
11. cincta Lec. 58–89 Cal.
12. nupta Csy. 99–126 Cal.
13. inflexa Csy. 99–126 Dak.
14. serena Csy. 08–417 Pa.
15. elliptica Csy. 99–126 Cal.
angustula Csy. 99–127 Cal.
16. postica Lec. 80–188 Cal.
17. nunenmacheri Csy. 08–417 Cal.
18. oculaticauda Csy. 99–127 Cal.
19. effeta Csy. 99–127 Cal.
20. subdepressa Csy. 99–127 Cal.
21. disconotata Muls. 51–653 L.Sup.
22. troglodytes (Muls.) 53–219
discreta Lec. 80–187 Mass.
23. lugubris (Rand.) 38–52 Ill. Mass. (Ariz.?)
venustula Muls. 51–671
jucunda || Lec. 52–134
lecontei Cr. 74–233 Ill.
24. quadrioculata (Mots.) 45–383 Cal.
elegans Gorh. 94–199 nec Muls.
25. notatula Csy. 99–121 Nev.
26. horni Cr. 73–381 Cal.
27. spiculinota Fall 01–232 So.Cal.
28. fidelis Csy. 08–418 Cal.
29. bensonica Csy. 08–418 Ariz.
30. undulata (Say) 24–92 Ind. Pa. Can. Vt. Mass. Ariz.(So.Cal.?) Ill. Pa. L.Sup. Conn.
elegans Muls. 51–658
maculifera Melsh. 47–179
a. guttifera Weise 95–128
31. octavia Csy. 08–419 Miss.
32. paludicola Sz. 78–362 Fla.
33. filiola Csy. 08–419 Ariz.
34. annexa Lec. 52–133 So.Cal. Kan.
35. revocans Csy. 08–419 Ut. [Ill.
36. quadrivittata Lec. 52–133 Ariz. Colo.
37. tetraneura Csy. 08–420 Colo. [Ind.
38. mœrens (Lec.) 50–238 L.Sup.
consimilis Lec. 52–134 L.Sup.
39. simulans Csy. 99–128 Ariz.
40. falli Nun. 12–450 Nev.
41. weisei Schfr. 08–126 Tex.
kunzei ‡ Schfr. 05–145 nec Muls.
42. levrati (Muls.) 51–613 Mex. & Ariz.
43. metator Csy. 08–413 Tex.
44. nigrosuturalis Blatch. 18–420 Fla.
45. cruenta Lec. 80–187 Tex.
46. lewisi Cr. 73–380 U.S.
47. tædata Lec. 80–187 Fla.
48. gemina Lec. 80–188 Ga. Tex.
49. pratensis Lec. 52–134 Ind. Mo. Kan.
50. punctata Lec. 80–188 Tex. [N.J.
51. tristis Lec. 80–188 Colo. So.Cal.
— ?floridana Muls. 51–1040 Fla.
— subsignata Cr. 74–226 Mex. Tex.
— festiva Muls. 51–659 Brazil (N.Am.?)

Helesius Csy. 99–129
10952. nubilans Csy. 99–129 Tex.
53. nigripennis (Lec.) 79–453 Colo.

Hyperaspidius Cr. 73–382
10954. vittigera (Lec.) 52–133 Mex. Kan. Dak.
trimaculatus Cr. 73–382 nec L. So.Cal. Ariz.
55. oblongus Csy. 08–421 Tex.
trimaculatus Csy. 99–130 nec. L.
56. pallescens Csy. 08–420 Ariz.
57. comparatus Csy. 99–130 Cal.
58. ingenitus Csy. 99–131 N.Mex.
59. insignis Csy. 99–131 Colo.
60. arcuatus (Lec.) 52–133 So.Cal.
61. militaris (Lec.) 52–133 S.C. Fla
62. transfugatus Csy. 99–131 Mass.
63. conspiratus Csy. 99–131 Cal.
64. wolcotti (Nun.) 11–73 Ind.
65. ploribunda (Nun.) 11–74 Nev.

Brachyacantha Chev. 42–704
10966. bistripustulata (Fab.) 01–383 Tex.
a. decora Csy. 99–119 Tex.
b. minor Leng 11–298 Tex.
67. dentipes (Fab.) 01–381 E.N.Am. Fla.
a. socialis Csy. 99–119 Kan.
b. separata Leng 11–301 Va.
68. subfasciata Muls. 51–527 Ariz. Tex.
69. quadrillum Lec. 58–89 Tex.
70. blaisdelli Nun. 09–132 Nev. Cal.
71. tau Lec. 59–28 Neb. Mont.
72. ursina (Fab.) 87–61 E.N.Am. Ind.
stellata Csy. 99–117 Ill. Mo. Ky. Ind.
a. congruens Csy. 99–117 N.C. Ga.
b. uteella Csy. 08–413 Ut.
c. sonorana Csy. 08–412 Ariz. N.Mex.
73. testudo Csy. 99–118 Tex.
74. felina (Fab.) 75–87 E.N.Am.
a. decempustulata Melsh. 47–179 Pa. Ind. Fla.
75. bolli Cr. 73–379 Tex. La.
76. arizonica Schfr. 08–125 Ariz.
77. indubitabilis Cr. 73–379 E. N.Am.
78. fenyesi Leng 11–316 Colo.
79. quadripunctata Melsh. 47–178 E.N.Am. Ind.
basalis Melsh. 47–179 Fla. [Fla.
diversa Muls. 51–538
a. confusa Muls. 51–537 E. N.Am.
b. flavifrons Muls. 51–531 E. N.Am. Fla.
80. floridensis Blatch. 16–93 Fla.
81. albifrons (Say) 24–94 Neb. Colo.
82. illustris Csy. 99–118 Colo. [Mont.
83. pacifica Csy. 99–119 Cal.
84. lengi Nun. 12–449 Cal.
85. querceti Sz. 78–362 Fla.
86. lepida Muls. 51–523 Tex.
— erythrocephala (Fab.) 87–61 Not N.Am.

Thalassa Muls. 51–511
10987. montezumæ Muls. 51–512 La. Ariz. Mex.

MICROWEISEINI

Microweisea Ckll. 03–38
(*Smilia* || Weise 91–285)
(*Pentilia* ‡ Lec. 78–400)
(*Pseudoweisea* Sz. 04–118)
(*Epismilia* || Ckll. 00–606)

10988. marginata (Lec.) 78–400 Mich. N.Y.
89. misella (Lec.) 78–400 Ct. Fla. Can.-Tex. Ind.
90. atronitens (Csy.) 99–135 Cal.

Microweisea Ckll.
reversa Fall 01–231 So.Cal.
10991. minuta (Csy.) 99–135 Tex.
92. planiceps (Csy.) 99–135 Cal.
93. coccidivora (Ashm.) 80–10 Fla.
94. ovalis Lec. 78–400 Fla. (So.Cal.?)
felschei Weise 91–288 Fla.
95. suturalis Sz. 04–118 So.Cal.

CRANOPHORINI

Nipus Csy. 99–132
10996. biplagiatus Csy. 99–133 So.Cal.

Nipus Csy.
10997. niger Csy. 99–133 Cal.

SCYMNINI

Stethorus Weise 85–22
10998. punctum (Lec.) 52–114 E. N.Am. Ind.
99. picipes Csy. 99–136 Cal. [L.Sup.
11000. brevis Csy. 99–136 Cal.
01. utilis (Horn) 95–107 Fla.
02. atomus Csy. 99–136 Tex.

Didion Csy. 99–137
11003. longulum Csy. 99–137 Cal.
04. parviceps Csy. 99–137 Cal.

Selvadius Csy. 99–137
11005. rectus Csy. 99–138 Ariz.

Scymnus Kug. 94–547
(*Pullus* Muls. 51–976)
(*Diomus* Muls. 51–951)
(*Scymnobius* Csy. 99–139)
11006. flavescens Csy. 99–139 Colo.
07. pallens Lec. 52–137 Ariz. Cal. So.Cal.
08. mimus Fall 01–234 So.Cal.
09. nugator Csy. 99–140 Colo.
10. semiruber Horn 95–102 Fla. Tex.
11. creperus Muls. 51–985 N.C.Tex.
astutus Muls. 51–986 [Ariz.
a. fraternus Lec. 52–138 M.St. Ind. Fla. Conn. L.Sup.
texanus Csy. 99–141 Tex.
12. brullei Muls. 51–984 Fla.
13. hæmorrhous Lec. 52–138 Ariz.? Fla. Ind. N.Y.
dentipes Fall 01–234 ♂ Mass.
a. divisus Csy. 99–140 Kan.
b. laurenticus Csy. 99–140 Can.
c. subæneus Csy. 99–141 Tex.
14. postpictus Csy. 99–141 Wy.
15. rubricauda Csy. 99–141 Kan. Ind.
16. chromopyga Csy. 99–141 Pa.
17. canterius Csy. 99–142 R.I.
18. cervicalis Muls. 51–984 Fla. So. St. Can.-Mo.
19. kansanus Csy. 99–142 Kan. [So.Cal.
20. marginicollis Mann. 43–313 Cal. So.Cal.
californicus Boh. 59–207 [Ariz.
21. consobrinus Lec. 52–139 L.Sup.
22. iowensis Csy. 99–143 Ia.
23. natchezianus Csy. 99–143 Miss.
24. caudalis Lec. 50–238 Ala.-Colo. Ind.
25. medionotans Csy. 99–143 Tex.
26. kinzeli Csy. 99–143 Fla.
27. socer Lec. 52–139 Ga.

Scymnus Kug.
11028. collaris Melsh. 47–180 Ind. Fla. Conn.
subtropicus Csy. 99–143 Tex.
29. horni Gorh. 97–229 Ariz.
30. cockerelli Csy. 99–144 N.Mex.
31. uteanus Csy. 99–144 Ut.
32. rhesus Csy. 99–144 Ind.
33. fastigiatus Muls. 51–986 Ind.
chatchas Muls. 51–986
34. indutus Csy. 99–145 Pa.
puncticollis Horn 95–102 nec Lec.
35. puncticollis Lec. 52–139 Ind. Conn.
36. agricola Csy. 99–145 R.I.
37. innocens Csy. 99–145 N.C.
38. solidus Csy. 99–145 Cal.
39. desertorum Csy. 99–145 Nev.
40. apachcanus Csy. 99–146 Ariz.
41. monticola Csy. 99–146 Colo.
42. aridus Csy. 99–146 Ut.
subsimilis Csy. 99–150 Ut.
43. luctuosus Csy. 99–146 Cal.
44. humboldti Csy. 99–146 Cal.
45. sonomæ Csy. 99–147 Cal.
46. gikæ Csy. 99–147 Ariz.
47. decipiens Csy. 99–147 Ut.
48. garlandicus Csy. 99–147 Colo.
49. blaisdelli Csy. 99–147 Cal.
50. advena Csy. 99–147 Cal.
51. extricatus Csy. 99–148 Cal.
52. ardelio Horn 95–105 Ariz. Fla. Tex.-B.C. So.Cal.
53. jacobianus Csy. 99–148 Cal.
54. jacinto Csy. 99–148 Cal.
55. tenebrosus Muls. 51–989 Atl. St. Ind.
56. compar Csy. 99–148 Ind. [Conn
57. infans Csy. 99–149 Ariz.
58. weidti Csy. 99–149 Ut.
59. abbreviatus Lec. 52–140 L.Sup.
60. lacustris Lec. 52–140 L.Sup. Ariz.?
renoicus Csy. 99–149 Nev.
a. nigrivestis Muls. 51–990 La.
61. tahoensis Csy. 99–150 Cal.
62. mormon Csy. 99–150 Ut.
63. saginatus Csy. 99–150 Cal.
64. strenuus Csy. 99–150 Cal.
65. mendocino Csy. 99–151 Cal.
66. stygicus Csy. 99–151 Cal.
67. tenuivestris Csy. 99–151 Cal.
calaveras Csy. 99–150 Cal.
68. papago Csy. 99–151 Ariz.
69. flebilis Horn 95–100 Ariz. So.Cal.
70. nubes Csy. 99–151 Ariz.

Scymnus Kug.

11071. cinctus Lec. 52–137 La.-So.Cal.
72. lecontei Cr. 74–261 Cal. [Ariz.
suturalis || Lec. 52–138
73. sarpedon Csy. 99–152 Cal.
74. pacificus Cr. 73–77 Cal.-So.Cal.
75. strabus Horn 95–100 N.Mex.
76. coniferarum Cr. 73–77 Colo.-So.Cal.
77. punctatus Melsh. 47–180 Can.-Tex.
78. occiduus Csy. 99–153 Nev. [Man.
79. nanus Lec. 52–140 Mich. Fla. So.Cal. Ariz.
80. circumspectus Horn 95–96 Tenn. La.
81. opaculus Horn 95–96 Colo.
82. americanus Muls. 51–965 N.E. Am. Ind. L.Sup. Conn.
83. caurinus Horn 95–97 Cal.-Wash.
84. innocuus Csy. 99–154 Nev.
85. rusticus Csy. 99–154 Ind.
86. aluticollis Csy. 99–154 Cal.
87. difficilis Csy. 99–154 Cal.
88. phelpsi Cr. 73–77 No. Cal.-B.C.
89. nebulosus Lec. 52–137 So.Cal.
90. megacephalus Fall 01–233 So.Cal.
91. bivulnerus Horn 95–92 Fla.
92. bisignatus Horn 95–92 Cal.
93. flavifrons Melsh. 47–181 Can.-Ga.-Ind. Fla.
a. bioculatus Muls. 51–960 N.J.-Ga. Fla.
guttiger Muls. 51–965
marginellus Muls. 51–965
94. ornatus Lec. 52–135 L.Sup. Mass.
95. sanguinifer Csy. 99–155 Mass.
96. naviculatus Csy. 99–155 Colo.
97. amabilis Lec. 52–135 La.
98. guttulatus Lec. 52–136 So.Cal.
99. bijugus Fall 09–162 L.Cal.
11100. scitus Csy. 99–156 Cal.
01. suavis Csy. 99–156 Cal.
02. coloradensis Horn 95–94 Colo.

Scymnus Kug.

11103. sordidus Horn 95–93 So.Cal.
04. intrusus Horn 95–92 Fla. Md. Tex.
05. inops Csy. 99–156 Fla.- [Ind.
06. oculatus Blatch. 17–140 Fla.
07. balteatus Lec. 78–399 Fla.
08. bigemmeus Horn 95–88 Fla.
09. tædatus Fall 01–233 So. Cal.
10. dichrous Muls. 51–951 N. Am.?
11. quadritæniatus Lec. 78–400 Fla.-La.
12. myrmidon Muls. 51–954 Pa. Md. Fla.
13. adulans Csy. 99–157 N.C.
14. liebecki Horn 95–89 N.J. Ind.
15. terminatus Say 35–203 Fla. N.E. Am.
femoralis Lec. 52–136 Pa. [Ind.
a. brunnescens Csy. 99–158 Tex.
16. partitus Csy. 99–158 Tex. Ind.
17. houstoni Csy. 99–158 Tex.
18. xanthaspis Muls. 51–952 Ga. Fla. Tex.
19. appalacheus Csy. 99–158 N.C.
20. stigma Csy. 99–158 Fla.
21. dulcis Csy. 99–159 Kan.
22. æger Csy. 99–159 Mich. Ill. Fla.
23. debilis Lec. 52–137 Cal.
24. pusio Csy. 99–159 Fla.
25. redtenbacheri Muls. 46-240 Greenland
— ?icteratus Muls. 51–969 N.Am.?
— ?cyanescens Muls. 51–993 N.Am.?
— ?atramentarius Boh. 58–207 Cal.??
— ?infuscatus Boh. 58–209 Cal.??
— ?arcuatus Rossi 92–88 Eur. & N.Am.?

Cephaloscymnus Cr. 73–382

11126. zimmermanni Cr. 73–382 Md. D.C. S.C Ind.
27. occidentalis Horn 95–111 So.Cal. Ariz.

Cryptolæmus Muls. 50–140

11128. montrouzieri Muls. 53–140 †Cal.

NOVIINI

Rodolia Muls. 51–902
(*Vedalia* ‡ auct.)

11129. cardinalis (Muls.) 51–906 †Cal. Fla.

Novius Muls. 51–942

11130. kœbelei (Olliff) Coq. 93–24 †Cal.

Anovia Csy. 08–408

11131. virginalis (Wickh.) 05–166 Ut. Tex.

Exoplectra Chev. 42–545

11132. subænescens Gorh. 95–214 Mex. & Ariz.

RHIZOBIINI

Lindorus Csy. 99–162

11133. lophantæ (Blaisd.) 92–51 †Cal. So.Cal.
toowoombæ (Blackb.) 92–254

Rhizobius Steph. 32–396
(*Rhyzobius* ‡ auct.)

11134. ventralis (Er.) 42–239 †Cal.
35. debilis Blackb. 88–201 †Cal.

SCYMNILLINI

Zagloba Csy. 99–113

11136. ornata (Horn) 95–111 Cal.
37. laticollis Csy. 99–114 Cal.
38. orbipennis Csy. 99–114 Cal.
39. bicolor Csy. 99–114 Fla.

Zagloba Csy.

11140. hystrix Csy. 99–114 Tex.

Scymnillus Horn 95–110

11141. aterrimus Horn 95–110 No. Cal. Or.
42. cochisiensis Nun. 12–451 Ariz. [So.Cal.

OENEINI

Delphastus Csy. 99–111
(*Cryptognatha* Cr. nec Muls.)
(*Oeneis* Lec. nec Muls.)

11143. pusillus (Lec.) 52–135 N.Y. Fla. Tex. Ind. So.Cal. Conn.

Delphastus Csy.
puncticollis (Lec.) 52–135 So. St.

11144. sonoricus Csy. 99–112 So.Cal. Ariz.
45. catalinæ (Horn) 95–83 So.Cal.
46. pallidus (Lec.) 78–400 Fla.

† Introduced.

COCCIDULINI

Coccidula Kug. 98–421
11147. lepida Lec. 52–132 Can.-Pa. Ind. Conn.

Coccidula Kug.
11148. occidentalis Horn 95–114 Wy.-Vanc.
49. suturalis Weise 95–132 Ohio

PSYLLOBORINI

Psyllobora Chev. 42–606
11150. viginti-maculata (Say) 24–96 R.I.-Wis. Ind.
obsoleta Csy. 99–101 Ia.
a. parvinotata Csy. 99–101 Fla.
b. pallidicola Blatch. 14–66 Fla.
c. renifer Csy. 99–102 Tex.
d. tædata Lec. 57–70 Pac. Coast, So.Cal. Ariz.

Psyllobora Chev.
borealis Csy. 99–102 Idaho
separata Csy. 99–102 Cal.
deficiens Csy. 99–102 Cal.
11151. nana Muls. 51–181 Fla.
52. kœbelei Nun. 11–71 Ariz.
53. plagiata Schffr. 08–125 Ariz.

COCCINELLINI

Anisosticta Chev. 35–456
11154. bitriangularis Say 24–269 No.U.S.& Can.
multiguttata Rand. 38–51 Mass.
?novemdecim-punctata L. 58–366 Eur.
strigata ‡ auct. nec Thunb. Eur. L.Sup.
dohrniana Joh. nec Muls. Eur. [Conn.
a. irregularis Weise 85–14 Or.

Næmia Muls. 51–30
11155. seriata (Melsh.) 47–177 Conn.-Fla.
a. litigiosa Muls. 51–31 So.Cal.-So. Am.

Macronæmia Csy. 99–76
(*Micronæmia* Weise 05–218)
11156. episcopalis (Kby.) 37–228 No. St. & Can. Cal. Kan. Wy. Colo.

Ceratomegilla Cr. 73–365
(*Megilla* || Muls. 51–24)
11157. ulkei Cr. 73–365 H.B.T.
58. fuscilabris (Muls.) 66–22 U.S. & Can. Ind. So.Cal.
maculata auct. nec DeG. [Ariz.
strenua (Csy.) 99–76 Tex.
a. floridana (Leng) 03–38 Fla. La.
b. decepta (Blatch.) 14–65 Fla.

(*Paranæmia* Csy. 99–76)
59. vittigera (Mann.) 43–312 So.Cal. Kan. Mex.
a. similis (Csy.) 99–76 Colo. Ariz.

Adonia Muls. 51–37
11160. variegata (Goeze) 77–246 Eur. & N.S.?
constellata (Laich.) 81–121
mutabilis (Scriba) 90–183

Eriopis Muls. 51–6
11161. connexa (Germ.) 24–621 S.Am. & U.S.? Cal.? Vanc.? Tex.

Hippodamia Dej. 36–456
I
11162. tredecim-punctata (L.) 65–336 H.B.T.-Cal. Ind. Alas. Sib. Atl.St. Ut. N.Dak. Minn.
tibialis (Say) 24–94
signata (Fald.) 32–398

Hippodamia Dej.
II
11163. parenthesis (Say) 24–93 No. St. Cal. Ind. Ariz. Mass. Md. Dak.Ut.Colo.
lituricollis Fitch 61–853 N.Y.
confluenta Fitch 61–853 N.Y.
insulata Fitch 61–853 N.Y.
nimia Fitch 61–853 N.Y.
tridentifrons Fitch 61–853 N.Y.
permacrifrons Fitch 61–853 N.Y.
triangularis Fitch 61–853 N.Y.
albomaculata Fitch 61–853 N.Y.
linearis Fitch 61–853 N.Y.
approximata Fitch 61–853 N.Y.
discopunctata Fitch 61–853 N.Y.
connata Fitch 61–853 N.Y.
a. tridens Kby. 37–229 N.W.St. Can.
64. lunato-maculata Mots. 45–382 Or.Cal.Ut.Wy.
a. apicalis Csy. 99–81 Nev. Cal.
b. expurgata Csy. 08–400 Colo.
c. lengi Joh. 10–865 So.Cal.
III
65. sinuata Muls. 51–1011 Cal.
trivittata Csy. 99–81 Cal.
crotchi Csy. 99–80 Cal.
interrogans Muls. 56–139
a. spuria Lec. 67–358 Or. Wash.
b. complex Csy. 99–80 Vanc. [So.Cal.
66. cockerelli Joh. 10–849 Colo.-Wy.
lineata Joh. 10–46 Wash.
67. falcigera Cr. 73–368 H.B.T.
68. americana Cr. 73–368 ?Kan. H.B.T.
69. dispar Csy. 99–79 Colo.
70. oregonensis Cr. 73–367 Or.
71. glacialis (Fab.) 75–80 Pa.-Mo.-Ind. Mass. N.C. Dak.
abbreviata (Fab.) 87–54
remota (Web.) 01–49
72. quindecim-maculata Muls. 51–20 Mo. Kan. Ark.
73. convergens Guér. 46–321 U.S. & Can. Ind. So.Cal. Fla. Ariz.
modesta Melsh. 47–178
obsoleta Cr. nomen nudum
a. punctulata Lec. 52–131 Cal.
b. ambigua Lec. 52–131 So.Cal. Or.

Hippodamia Dej.

obliqua Csy. 99–79 Cal.
politissima Csy. 99–80 Cal.
11174. lecontei Muls. 51–1010 Colo. N.Mex. Cal. Ariz.
a. caseyi Joh. 10–21 Wash.
mulsanti Lec. 52–131 L.Sup.
b. vernix Csy. 99–79 Wy.Mont.Id.
c. subsimilis Csy. 99–79 Cal.
d. utcana Csy. 08–397 Ut. (Cal.?)
e. abducens Csy. 08–396 Colo.
pseudoglacialis Joh. 10–23
defecta Joh. 10–21
f. juncta Csy. 99–80 Cal.
75. quinquesignata Kby. 37–230 H.B.T.-Kan. Ariz. Nfld.
a. puncticollis Csy. 99–78 Can. Rocky Mts. So.Cal.
b. lilliputana Csy. 08–397 Colo.
c. coccinea Csy. 08–395 Colo.
d. leporina Muls. 56–135 Cal.
76. extensa Muls. 51–17 Cal.
77. moesta Lec. 54–16 Or.Vanc.B.C.
a. bowditchi Joh. 10–45 No.Rocky Mts.

Neoharmonia Csy. 99–90

11178. venusta (Melsh.) 46–175 M.&S.St. Ind. Ark.Kan.La.
a. dissimila Blatch. 14–66 Fla. Md.
79. notulata (Muls.) 51–83 La. Fla.
80. ampla (Muls.) 51–81 Mex.& So. U.S. Tex.

Coccinella L. 58–364

11181. perplexa Muls. 51–1021 No.St.Can. Ind.-Conn. N.Y.
?trifasciata L. 58–365 Eur.& Sib.
a. eugenii Muls. 66–95 Cal.
b. juliana Muls. 56–135 Or.Cal.
barda Lec. 60–286
c. subversa Lec. 54–19 Or.
82. humboldtiensis Nun. 12–448 No.Cal.
83. tricuspis Kby. 37–231 H.B.T.-Mich. Sib.
84. novemnotata Hbst. 93–269 Atl. St.-Or. Ind. So.Cal.
conjuncta Fitch 61–849 N.Y.
confluenta Fitch 61–849 N.Y.
inæqualis Fitch 61–849 N.Y.
parvamaculata Fitch 61–849 N.Y.
divisicollis Fitch 61–849 N.Y.
a. degener Csy. 99–88 N.Mex. Ariz.
oregona Csy. 08–403 Or. [Colo.
b. franciscana Muls. 53–19 Mex. U.S.?
c. johnsoni Csy. 08–403 So.Cal. [So.Cal.
85. transversoguttata Fald. 35–454 Sib. U.S.?Lab. Nev. Conn. Greenland
a. quinquenotata Kby. 37–230 Colo.-Mont.
transversalis || Muls. 51–117 [L.Sup. So.Cal.
interrupta Fitch 61–851 N.Y.
b. nugatoria Muls. 51–1021 Ut. Colo.
c. californica Mann. 43–312 So.Cal. Or. Wash.

Coccinella L.

d. vandykei Nun. 09–161 Nev.
e. nevadica Csy. 99–88 Nev.
f. melanocollis Joh. 10–62 Cal.
11186. bridwelli Nun. 13–76 Cal.
87. monticola Muls. 51–115 No. St. Vanc. L.Sup. Conn. Lab.
lacustris Lec. 52–131
sellica Joh. 10–63 Cal. N.H.
postica Joh. 10–63 Cal.
confluenta Joh. 10–63 Cal.
alutacea Csy. 99–89 N.Mex.
impressa Csy. 99–89 Cal.
biguttata Joh. 10–63 Colo.
a. difficilis Cr. 73–370 Ut. Colo.
b. suturalis Csy. 99–89 Colo.
c. prolongata Cr. 73–371 Ut.Kan.Cal.

(*Spilota* Billb. 20–61)

88. undecimpunctata L. 58–366 Eur.&N.Am.
menetriesi Muls. 51–104 Sib.&No.Cal. Alas.

Cycloneda Cr. 74–162

(*Daulis* || Muls. 51–296)

11189. sanguinea (L.) 63–11 No.& So.Am. Ind. Ariz.
a. immaculata (Fab.) 92–267 Fla. Ga. La.
90. munda (Say) 35–202 Me.-Man.-Pa.
a. polita Csy. 99–93 Cal. B.C. Id.
rubripennis Csy. 99–92 Tex. So.Cal. Colo.
91. atra Csy. 99–93 N.Am.?

Olla Csy. 99–93

11192. abdominalis (Say) 24–95 Tex.-So.Cal. Ind.
semilunaris Joh. 10–66 Ariz.-Tex.
minuta Csy. 08–406 Tex.
a. plagiata Csy. 99–94 So.Cal. So.& W. St. Tex.
fenestralis Csy. 99–95 N.Mex. [Ariz.
oculata ‡ auct. nec Fab.
b. sobrina Csy. 99–94 Fla.

Adalia Muls. 51–49

11193. bipunctata (L.) 58–364 Eur. & N.Am. Conn. Ind.
bioculata (Say) 24–94
quadrimaculata Scop. 63–80
94. frigida (Schn.) 92–172 Eur. Sib.& N.Am. Ind. Conn.
hyperborea (Payk.) 99–38
ornatella Csy. 99–86 Colo.
immaculata Joh. 10–68
melanopleura Lec. 60–286 Vanc.Cal.
parvula Weise 85–22 Eur. N.Am.?
siberica Weise 85–22 Mass. Eur.
facetа Weise 85–22 Mass. Eur.
postica Joh. 10–68 Mass.
a. disjuncta (Rand.) 38–33 Me. Mass. Wis.
b. humeralis (Say) 24–95 Can.-Cal. Ariz.
95. annectans Cr. 73–371 Colo.N.Mex.
ovipennis Csy. 99–86 Cal. [Cal.
transversalis Csy. 99–86 N.Mex.

Adalia Muls.
sexpustulata Joh. 10–71 Or.
occllata Joh. 10–71 Or.
ophthalmica Muls. 51–56 Mo.Can.Mass.
coloradensis Csy. 08–401 Colo.
a. duplicata n.m.
humeralis ‡ Joh. 10–71 nec Say.
?ludoviciæ Muls. 51–36 N.Am.?

Cleis Muls. 51–208
(*Pseudocleis* Csy. 08–406)
11196. picta (Rand.) 38–51 U.S. & Can. Nfld. Mass. Ariz. So.Cal.
blanchardi Joh. 10–72
contexta Muls. 51–87
concinnata (Melsh.) 47–177
a. minor Csy. 99–95 Cal. Vanc.
97. hudsonica Csy. 94–96 H.B.T. N.H.

Agrabia Csy. 99–87
(*Harmonia* ‡ auct. nec Muls.)
11198. cyanoptera (Muls.) 51–82 Mex.&N.Mex.
99. sicardi Nun. 12–448 Cal. [Ariz.
a. complexa Nun. 12–448 Cal.

Anisocalvia Cr. 71–329
11200. duodecim-maculata (Gebl.) 32–76 Sib. & N.Am.
incarnata (Kby.) 37–231 [Conn. L.Sup.
a. elliptica Csy. 99–97 H.B.T.

Anisocalvia Cr.
11201. quatuordecimguttata (L.) 58–367 Eur. & N.Am.
a. similis (Rand.) 38–50 Mass. L.Sup.
b. cardisce (Rand.) 38–32 Me.
c. victoriana Csy. 99–96 B.C.
d. obliqua (Rand.)38–33 Me.
?hesperica Cr. 73–374 Ariz.

Anatis Muls. 51–133
11202. quindecimpunctata (Oliv.) 08–1027 Atl. St. Ind.
labiculata Say 35–288 [L.Sup.
?ocellata (L.) 58–366 Sib.
a. mali (Say) 24–93 Wis. Id. Atl. St. Ind.
03. rathvoni Lec. 52–132 Cal. Or.
04. lecontei Csy. 99–98 Ariz. N.Mex. Colo.

Neomysia Csy. 99–98
(*Mysia* ‡ auct. nec Muls. 46–129)
11205. pullata (Say) 25–301 L.Sup.Atl. St. Ind.
06. subvittata (Muls.) 51–138
notans (Rand.) 38–49 Mass. Lab.
07. horni (Cr.) 73–375 Or. So.Cal.
08. interrupta Csy. 99–99 N.Mex. Colo. Ariz.
09. randalli Csy. 99–99 L.Sup.-Lab.
10. montana Csy. 99–100 Colo.

CHILOCORINI

Axion Muls. 50–477
11211. pilatei Muls. 51–478 Tex.(So.Cal.?)
12. tripustulatum (DeG.) 75–395 R.I.-Tex. Fla.
verrucatus (Melsh.) 47–180
13. incompletus Nun. 11–71 Ill.
14. plagiatum (Oliv.) 08–1044 So.Cal.-Tex.
alutaccum Csy. 99–106 N.Mex. [Ind.
a. texanum Lec. 58–88 Tex. Ariz. N.Mex.
b. pleurale Lec. 59–90 So.Cal.

Chilocorus Leach 17–116
11215. tumidus Leng 08–37 Va.
16. cacti L. 67–584 Fla. Tex.
a. confusor Csy. 99–105 Ariz. So.Cal.
17. bivulnerus Muls. 51–460 U.S. & Can.
fraternus Lec. 57–70 [Ind. Fla.
a. orbus Csy. 99–105 So.Cal.
18. similis Rossi 90–68 †Ga. China

Arawana Leng 08–38
11219. arizonica (Csy.) 99–107 Ariz.

Exochomus Redt. 43–118
11220. marginipennis Lec. 24–174 N.Y.-Fla. Ind. L.Sup.

Exochomus Redt.
prætextatus Melsh. 47–178
deflectens Csy. 08–410 Mo.
a. childreni Muls. 41–1037 Fla.-So.Cal.
guexi Lec. 52–132 [Ariz.
contristatus Muls. 51–492 Mex.
b. latiusculus Csy. 99–108 Fla.-Mo. Tex.
c. californicus Csy. 99–107 So.Cal. Nev.
desertorum Csy. 99–108 Nev.
d. fasciatus Csy. 99–108 So.Cal.
11221. subrotundus Csy. 99–108 Tex.
(*Brumus* Muls. 51–492)
22. æthiops Bland 64–72 Neb.-Ariz.
a. mormonicus Csy. 08–411 Ut. [Colo.
23. orbiculatus Leng 08–41 Ariz.
24. högei Gorh. 94–180 Colo.-Mex.
25. septentrionis Weise 85–230 H.B.T. Man.-
a. nevadensis Leng 08–42 Nev. [Tex.
b. ovoideus Csy. 99–107 Colo. Ariz.
c. parvicollis Csy. 08–411 Ut.
26. davisi Leng 08–42 Atl. St.
27. histrio Fall 01–230 So.Cal.

Orcus Muls. 51–467
11228. chalybeus (Boisd.) 35–595 †Cal.

EPILACHNINÆ

Epilachna Chev. 44–359
11229. borealis (Fab.) 75–82 Fla. Conn. Ind.
30. mexicana Guér. 46–519 Mex. Border

Epilachna Chev.
11231. corrupta Muls. 51–815 Mex.
maculiventris Bland 64–72
juncta Joh. 10–79
a. cuprea Ckll. 18–153 Colo.
32. toweri Joh. 10–78 Tex.

† Introduced.

TENEBRIONOIDEA

ALLECULIDÆ (*Cistelidæ*)

Casey 91; Borchmann 10

ALLECULINÆ

Lobopoda Sol. 35–233
(*Allecula* ‡ auct.)

11233. sordida (Horn) 94–432 L.Cal.
34. socia Lec. 54–84 Tex.
35. subcuneata Csy. 91–79 Tex.
36. punctulata (Melsh.) 46–59 N.J.-Tex. Fla.
37. oculatifrons Csy. 91–81 Tex. [Ind.
38. erythrocnemis (Germ.) 24–164 La, Fla.
39. atra (Say) 27–242 Conn. Pa.
nigrans (Melsh.) 46–60 Pa. Fla.

Stenochidus Lec. 62–244

11240. robustus Schffr. 11–125 Cal.
41. cyanescens Lec. 59–78 So. & No.Cal.
a. carbonarius Schffr. 11–126 Cal. [Nev.
42. gracilis Lec. 51–150 So.Cal.

Alethia Champ. 88–417

11243. carbonaria Schffr. 05–176 Ariz.

Charisius Champ. 88–421

11244. floridanus Linell 99–184 Fla.

Hymenorus Muls. 51–201

11245. humeralis Lec. 66–315 Ky.
46. niger (Melsh.) 46–59 Can.-Tex. Fla. Ind.
47. infuscatus Csy. 91–90 Cal. So.Cal.
48. picipennis Csy. 91–90 Mich.
49. punctulatus Lec. 59–78 Cal. (Fla.?)
50. melsheimeri Csy. 91–92 Mich. Ind.
51. pilosus (Melsh.) 46–58 Mass. Va. Ind.
obesus Csy. 91–93 N.Y.
52. difficilis Csy. 91–94 N.Y.
53. perforatus Csy. 91–95 Pa. N.C. Ind.
54. curticollis Csy. 91–95 Iowa
55. obscurus (Say) 27–242 N.Y.-Tex. Fla. Ind.
56. communis Lec. 66–135 N.C. Fla.
57. discrepans Csy. 91–98 Cal.
58. grandicollis Champ. 88–429 Mex. Ariz.
59. apacheanus Csy. 91–99 Ariz. [So.Cal.
60. exiguus Csy. 91–100 Tex.
61. helvinus Csy. 91–101 Tex.
62. porosicornis Csy. 91–101 Tex.
63. intermedius Csy. 91–102 Tex.
64. prolixus Csy. 91–103 Ariz. N.Mex.
65. occidentalis Champ. 88–425 C.Am. Tex. Ariz. Ind.
66. dorsalis Sz. 78–370 Fla.
67. discretus Csy. 91–105 Mass. N.Y.
rufipes Henshaw No. 7596[1] [Fla.
68. convexus Csy. 91–106 Fla. Tex.
69. densus Lec. 66–138 Fla. Tex. O.
70. elbertæ Blatch. 18–57 Fla. [Ind.

Hymenorus Muls.

11271. ruficollis Champ. 88–438 Mex. Ariz.
72. dissensus Csy. 91–109 Tex.
73. seriatus Csy. 91–109 Ariz.
74. testaceus Csy. 91–110 Ariz.
75. rotundicollis Csy. 91–111 Ariz.
76. inquilinus Csy. 91–112 Cal.
77. fusicornis Csy. 91–112 Cal. So.Cal.
78. nitidipennis Csy. 91–113 Ariz.
79. inæqualis Csy. 91–114 Ariz.
80. tenellus Csy. 91–115 Fla.
81. sobrinus Csy. 91–115 Fla.
82. floridanus Csy. 91–116 Fla.
83. confertus Lec. 66–136 Cal. Ariz.?
84. fusculus Csy. 91–117 Cal. So.Cal.
85. macer Csy. 91–118 Cal. So.Cal.
86. indutus Csy. 91–119 Tex. Ariz.
87. punctatissimus Lec. 66–138 Ariz. So.Cal.
88. deplanatus Champ.88–440 Mex. Ariz.
89. gemellus Csy. 91–121 Ariz.
90. uniseriatus Csy. 91–122 Cal.
91. planulus Horn 94–434 L.Cal.
92. spinifer Horn 94–434 Cal. Ariz.
93. granulatus Blatch. 12–331 Fla.

Menœceus Champ. 88–443

11294. texanus Champ. 88–444 Tex.

Phedius Champ. 88–447

11295. funereus Schffr. 05–176 Ariz.
96. opaculus Horn 94–431 Cal.

Telesicles Champ. 88–450

11297. cordatus Champ. 88–451 Mex. Tex. Ariz

Tedinus Csy. 91–153

11298. angustus Csy. 91–154 Ga.

Pseudocistela Cr. 73–108
(*?Gonodera* Muls. 56–41)
(*Cistela* ‡ auct. nec Fab.)

11299. brevis (Say) 23–269 Pa. Ind. Conn.
a. erythroptera (Ziegl.)44–46 Pa.
11300. theveneti (Horn) 75–156 Cal.
01. pinguis (Lec.) 66–64 Kan.
brevis ‡ (Lec.) 59–16
02. opaca (Lec.) 59–78 Cal. So.Cal.
*
03. marginata (Ziegl.) 44–46 Pa. N.Y.

Isomira Muls. 56–52

11304. iowensis Csy. 91–145 Iowa
05. discolor Csy. 91–145 Cal.
06. tenebrosa Csy. 91–146 N.Y.
07. sericea (Say) 23–270 Mass.-N.C. Fla. Ind.
08. variabilis Horn 75–156 So.Cal. Wash.

[1] Authorities differ as to the interpretation of rufipes Lec. See 11331.

Isomira Muls.

11309. luscitiosa Csy. 91–148 Cal. So.Cal.
10. pulla (Melsh.) 46–60 R.I.-N.C.
11. quadristriata Couper 65-62 Can.-N.C.
velutina Lec. 66–139 N.Y. [Ind.
12. similis Blatch. 10–1278 Ind.
13. monticola Csy. 91–150 Cal.
14. oblongula Csy. 91–151 N.Y. Ind.
15. valida Sz. 78–370 Fla.
16. texana Csy. 91–153 Tex.
17. ruficollis Ham. 93–308 Pa.
18. ignora Blatch. 14–144 Fla.

Chromatia Lec. 62–244

11319. amœna (Say) 23–268 N.Y. Ky. Ind. Conn.

Capnochroa Lec. 62–244

11320. fuliginosa (Melsh.) 46–59 N.Y. Va. Ind. Conn.

Mycetochara Berth. 27–371
(*Mycetophila* || Gyll. 10–541)
(*Mycetocharis* Gyll. 27–510)
(*Mycetochares* Latr. 29–42)
(*Mycetocharus* Steph. 29–245)
(*Stigmatoma* Lec. 62–244)

I

11321. haldemani Lec. 66–140 N.Y.-Fla. Ind.
22. fraterna (Say) 23–270 Can.-Pa. Ind.
laticollis Lec. 78–617
23. puncticollis Blatch. 17–276 Fla.
24. megalops Csy. 91–129 Ind.?
25. basillaris (Say) 23–269 Pa.
26. tenuis Lec. 66–140 Ind. N.Y. O. Mich.

Mycetochara Berth.

11327. foveata Lec. 66–140 Mich. Ia. Ind.
28. gilvipes Csy. 91–131 N.C.
29. nigerrima Csy. 91–132 N.Y.
30. leconteï Borchm. 09–714
gracilis || Lec. 78–615 Mich.
31. rufipes Lec. 24–170 [1] N.Y. Mich.

II

32. marginata Lec. 78–618 Mich.
33. binotata (Say) 24–285 Ind. Mich. N.Y. Conn.
34. horni Dury 02–172 Ohio
35. longula Lec. 78–618 Mich.-Ind.
36. bicolor Coup. 65–62 Can.
37. analis Lec. 78–618 Mich. N.J.
38. lugubris Lec. 78–618 Mich.

III

39. longipennis Csy. 91–139 So.Cal.
40. pacifica Csy. 91–139 Cal.
41. procera Csy. 91–140 So.Cal. Id.
42. pubipennis Lec. 78–617 So.Cal.
43. nevadensis Csy. 91–142 Nev.
44. crassulipes Csy. 91–142 No.Cal.

Lystronychus Latr. 29–41
(*Xystronia* Sol. 35–238)

11345. championi Horn 94–443 L.Cal.
46. piliferus Champ. 88–462 Mex. Tex.
47. scapularis Champ. 88–463 Mex. Ariz.

Prostenus Latr. 25–377
(*Mecocerus* Sol. 35–241)
(*Xystropus* Csy. nec Sol.)

11348. californicus Horn 67–138 (Cal.?) †

OMOPHLINÆ

Andrimus Csy. 91–155
(*Cteniopus* ‡ Lec. 66–64 nec Sol.)

11349. murrayi (Lec.) 66–141 Fla.
50. brunneus Csy. 91–157 Fla.
51. concolor Csy. 91–158 Ga.
52. nigrescens Csy. 91–159 Fla.
53. convergens Csy. 91–159 ?

Andrimus Csy.

11354. confusus Blatch. 12–331 Fla.

Androchirus Lec. 66–64

11355. erythropus (Kby.) 37–239 Can. Ind. N.C.
fuscipes (Melsh.) 46–60
luteipes Lec. 66–64
56. femoralis (Oliv.) 95–54 S.C. Ga. Fla.

TENEBRIONIDÆ

Horn 70; Casey 95, 07, 08, 10, 11, 12; Gebien 10, 11

TENTYRIINÆ

Casey, 07

CNEMODININI

Cnemodinus Ckll. 06–242
(*Cnemodus* || Horn 70–266)

11357. testaceus Horn 70–266 So.Cal.

Cnemodinus Ckll.

11358. angustus Csy. 07–284 Ariz.
59. subhyalinus Csy. 07–285 S.W.Utah

EURYMETOPINI

Eurymetopon Esch. 31–8

11360. ochraceum Esch. 31–8 Cal.?
61. rufipes Esch. 31–8 So.Cal.

Metoponium Csy. 07–288
(*Eurymetopon* ‡ auct. nec Esch.)

11362. laticolle Csy. 07–291 Ariz.

[1] Authorities differ as to the interpretation of rufipes Lec. See 11267.
† Introduced.

Metoponium Csy.
11363. abnorme Lec. 51–138 So.Cal.
64. faustum Csy. 07–292 So.Cal.
65. candidum Csy. 07–292 Ariz.
66. pallescens Csy. 07–293 Ariz.
67. congruens Csy. 07–293 N.Mex.
68. perforatum Csy. 90–334 Ariz.
69. anceps Csy. 07–294 N.Mex.
70. arizonicum Csy. 07–294 Ariz.
71. socium Csy. 07–295 Ariz.
72. subsimile Csy. 07–295 Ariz.
73. parvuliceps Csy. 07–296 Ariz.
74. rufopiceum Csy. 07–296 Ariz.
75. saginatum Csy. 07–296 Tex.
76. carbonatum Csy. 07–297 Ariz.
77. procerum Csy. 07–297 Ariz.
78. prolixum Csy. 07–298 Ariz.
79. papagonum Csy. 84–42 Ariz.
sculptile Csy. 84–44 Ariz.
80. fusculum Csy. 90–335 Ariz. So.Cal.
81. truncaticeps Csy. 07–299 Ariz.
82. crassum Csy. 07–299 Ariz.
83. egregium Csy. 07–300 So.Cal.
84. extensum Csy. 07–300 Ariz.
85. dubium Csy. 84–44 Ariz.
86. phœnicis Csy. 07–301 Ariz.
87. hebes Csy. 01–301 Ariz.
88. rufescens Csy. 07–302 Ariz.
89. congener Csy. 90–333 Tex.
90. politum Csy. 90–338 Tex.
91. testaceum Csy. 07–303 So.Cal.
92. ludificans Csy. 07–303 Tex.
93. piceum Csy. 84–40 Ariz.
94. emarginatum Csy. 84–41 Ariz.
95. fatigans Csy. 07–304 Ariz.
96. cribriceps Csy. 07–305 Tex.
97. cognitum Csy. 07–305 Tex.
98. concors Csy. 07–305 So.Cal.
99. tersum Csy. 07–306 So.Cal.
11400. cylindricum Csy. 07–306 So.Cal.
01. nevadense Csy. 07–307 Nev.
02. gulosum Csy. 07–307 So.Cal.
03. subovale Csy. 07–307 S.W. Ut.
04. insulare Csy. 07–308 So.Cal. Is.
05. gravidum Csy. 07–308 So.Cal.
06. edax Csy. 07–309 So.Cal.?
07. molestum Csy. 07–309 So.Cal.
08. opacipenne Csy. 07–309 So.Cal.
09. convexicolle Lec. 51–139 So.Cal.
10. integer Csy. 07–310 So.Cal.
11. probatum Csy. 07–310 So.Cal.

(*Metoponiopsis* Csy. 07–290)
12. bicolor Horn 70–268 Cal. Ariz.

Telabis Csy. 90–331
11413. longipennis Csy. 90–339 N.Mex.
14. discors Csy. 90–342 Tex.
15. muricatula Csy. 90–341 Tex. Ariz.
16. prominens Csy. 07–314 Tex.
proxima Csy. 07–315 Tex.
17. rubida Csy. 07–315 Tex.
18. vafra Csy. 07–315 Ariz.
19. punctulata Lec. 66–105 L.Cal.
20. opacella Csy. 07–316 So.Cal.
21. histrica Csy. 90–340 Ariz.
22. obtusa Csy. 07–317 Ariz.
23. uteana Csy. 07–317 S.W. Utah
24. amica Csy. 07–318 Utah
25. lobifrons Csy. 07–318 Ariz.
26. mimetica Csy. 07–319 Tex.

Telabis Csy.
11427. sodalis Horn 70–268 So.Cal.
28. fidelis Csy. 07–320 So.Cal.
29. debilis Csy. 90–343 Ariz.
30. crassula Csy. 90–344 Tex. Ariz.
31. timida Csy. 07–320 Ariz.
32. compar Csy. 07–321 Ariz.
33. curticollis Csy. 07–321 Ariz.
34. vapida Csy. 07–322 Tex.
35. incisa Csy. 07–322 So.Cal.
sodalis ‡ Csy. 90–343
36. aspera Csy. 07–322 Colo.
37. famelica Csy. 07–323 N.Mex.
38. lustrella Csy. 07–323 N.Mex.
39. pavida Csy. 07–324 N.Mex.
40. ovalis Csy. 07–324 Ariz.
41. inops Csy. 07–325 Ariz.
42. aliena Csy. 07–325 Ariz.
43. serrata Lec. 66–106 Ariz. Tex.
44. blanda Csy. 07–326 Tex. [So.Cal.

Cryptadius Lec. 51–140
11445. inflatus Lec. 51–140 So.Cal.
46. oviformis Csy. 07–328 So.Cal.
47. punctipennis Csy. 07–328 So.Cal.
48. curvipes Csy. 07–329 Cal.

Emmenides Csy. 07–329
11449. punctatus Lec. 66–106 L.Cal.

Armalia Csy. 07–330
11450. texanus Lec. 66–108 Tex.
51. angularis Csy. 07–331 Tex.

Hylocrinus Csy. 07–331
11452. tenuis Csy. 07–333 Ariz.
53. longulus Lec. 51–139 So.Cal. Ariz.
54. filitarsis Csy. 07–333 So.Cal.
55. breviusculus Csy. 07–334 Tex.
56. delicatulus Csy. 07–334 S.W. Ut. Nev.
57. depressulus Csy. 07–335 So.Cal.
58. angustus Csy. 90–352 Ariz.
59. blaisdelli Csy. 07–336 Cal.
60. cunctans Csy. 07–336 Tex.

(*Locrodes* Csy. 07–336)
61. piceus Csy. 90–353 So.Cal.
62. oblongulus Csy. 07–337 So.Cal.
63. laborans Csy. 07–337 Utah
64. brunnescens Csy. 07–338 Utah
65. fraternus Csy. 07–338 Utah
66. umbrosus Csy. 07–338

(*Paravius* Csy. 07–338)
67. marginatus Csy. 90–351 L.Cal.
— vicinus Champ. 84–8 Cal.?

Emmenastrichus Horn 94–413
11468. cribratus Horn 94–413 L.Cal.
69. erosus Horn 94–414 L.Cal.

Steriphanus Csy. 07–342
11470. discrepans Csy. 07–343 Ariz.
71. lustrans Csy. 07–344 Ariz.
72. nitescens Csy. 07–344 Tex.
73. lubricans Csy. 07–345 Ariz.
74. hilaris Csy. 07–345 Ariz. Ut.
75. rutilans Csy. 07–346 Tex.
76. convexus (Lec.) 66–107 Tex. N. Mex. Ariz.
77. unicolor Csy. 07–346 N.Mex.?

Steriphanus Csy.
11478. nigrans Csy. 07–347 Ariz.
79. alutaceus Csy. 07–348 Ariz.
80. subopacus (Horn) 70–269 Ariz.
81. peropacus Csy. 07–349 Ariz.
82. conicicollis Csy. 90–355 Ariz.
83. libertus Csy. 07–350 Ariz.
84. discretus Csy. 90–354 Ariz.
85. proprius Csy. 07–350 Ariz.
86. perovatus Csy. 07–351 Tex.
87. aridus Csy. 07–351 Ariz.

Stictodera Csy. 07–352
11488. pinguis (Lec.) 66–107 L.Cal.

Melanastus Csy. 07–353
11489. ater (Lec.) 51–139 Cal.
90. mœstus Csy. 07–355 Cal.
91. nitidus (Csy.) 90–362 Ariz.
92. obtusus (Lec.) 66–107 Cal.
93. thoracicus (Csy.) 90–362 So.Cal.
94. exoletus Csy. 07–357 Cal.

Melanastus Csy.
11495. sterilis Csy. 07–357 So.Cal.
96. lucidulus Csy. 07–358 Cal.
97. otiosus Csy. 07–358 Cal.
98. implicans Csy. 07–358 Colo.
99. fallax (Csy.) 90–361 N.Mex.
11500. finitimus Csy. 07–359 Colo.
01. crassicornis (Csy.) 90–363 No.Cal.
02. æquicollis Csy. 07–360 No.Cal.
03. vegrandis Csy. 07–360 Cal.
04. coarcticollis (Csy.) 90–364 N.Mex.
05. ludius Csy. 07–361 Utah
06. acuminatus Csy. 07–362 Colo.
07. parvus Csy. 07–362 Colo.
08. acutus (Horn) 70–270 Neb.
09. exiguus Csy. 07–363 Colo.
10. obesus (Lec.) 51–139 So.Cal.
nanulus (Csy.) 84–45 So.Cal.
11. nuperus Csy. 07–364 Ariz.

Emmenastus Mots. 45–75
[1] — rugosus Mots. 45–76 Alas.

AUCHMOBIINI (= *Eurymetoponini* Csy. 11–245)

Auchmobius Lec. 51–139
11512. sublævis Lec. 51–140 So.Cal.

TRIMYTINI

Trimytis Lec. 51–141
11513. nympha Csy. 07–368 Tex.
14. pruinosa Lec. 51–141 Colo.N.Mex.
15. tonsa Csy. 07–369 Colo.
16. ignava Csy. 07–369 Colo.
(*Pimalius* Csy. 07–367)
17. pulverea Horn 70–261 Ariz.
18. obtusa Horn 94–412 L.Cal.

Prometopion Csy. 07–370
11519. helopioides (Horn) 70–31 Cal.So.Cal.
20. amplipenne Csy. 07–372 Tex.

Chilometopon Horn 74–31
11521. abnorme (Horn) 70–261 Nev. So.Cal.
22. castaneum Csy. 07–373 Cal.
23. brevipenne Csy. 07–374 Utah
24. ensifer Csy. 07–370 Nev.
25. pallidum (Csy.) 90–367 Tex.

TRIENTOMINI

Trientoma Sol. 35–256
11526. wickhami Csy. 07–377 Bahama, (Fla.?)

EPITRAGINI

Polemiotus Csy. 07–381
(*Epitragus* auct. pars)
11527. submetallicus (Lec.) 54–224 Ariz.
28. humeralis Csy. 07–382 Ariz.
a. acuticauda Csy. 07–383 Ariz.

Cyrtomius Csy. 07–383
(*Epitragus* auct. pars)
11529. dentiger (Horn) 70–265 Ariz.
*

Lobometopon [2] Csy. 07–385
(*Epitragus* auct. pars)
11530. uintanum Csy. 07–388 Utah
31. fusiforme (Csy.) 90–365 Ariz.
32. symmetricum Csy. 07–389 Ariz.
33. pimalicum Csy. 07–389 Ariz.
34. æneopiceum Csy. 07–390 Ariz.

Lobometopon Csy.
11535. docile Csy. 07–390 Ariz.
36. propinquum Csy. 07–391 Ariz.
37. cribricolle Csy. 07–391 N.Mex.
38. jucundum Csy. 07–392 Kan.
39. parvicolle Csy. 07–392 Utah
40. æquipenne Csy. 07–393 Ariz.
41. morrisoni Csy. 07–393 Ariz.
42. ovale (Csy.) 84–184 Tex.
43. obscurum Csy. 07–395 Kan.
44. plumbeum (Lec.) 66–109 Kan.
(*Epitragoma* Csy. 07–386)
45. vestitum (Csy.) 91–53 Ariz.

Bothrotes Csy. 07–398
(*Epitragus* auct. pars)
11546. fortis Csy. 07–399 Fla.
47. acutus (Lec.) 66–108 Tex.(So.Fla.?)

[1] Not numbered because Casey "definitely rejects" the genus as a component part of our fauna No species of the tribe was known to him from above the latitude of southern Idaho.

[2] No. 10508 Henshaw Suppl., described from Mexico, is omitted.

Bothrotes Csy.

11548. subrudis Csy. 07–400 Tex.
49. pensus Csy. 07–400 Tex.
50. knausi Csy. 07–401 Kan.
51. arundinis (Lec.) 66–108 N.Y.-Tex.
52. æneicollis Csy. 07–401 Tex.
53. chalceus Csy. 07–402 Tex.
54. tenebrosus Csy. 07–403 Ariz.
55. occipitalis Csy. 07–403 Ariz.
56. confertus Csy. 07–404 Ariz.
57. eversus Csy. 07–404 Ariz.
58. affinis Csy. 07–405 N.Mex.
59. pertinax Csy. 07–405 N.Mex.
60. picipennis Csy. 07–406 N.Mex.
61. scentor Csy. 07–406 Ariz.
a. apertus Csy. 07–406 N.Mex.
62. acomanus Csy. 07–407 N.Mex.
63. neglectus Csy. 07–407 Colo.
64. insitus Csy. 07–408 Kan.
65. canaliculatus (Say) 24–281 Colo. Kan. N.Mex.Tex.
66. funebris Csy. 07–409 Ariz.
67. perditus Csy. 07–409 Ariz.
68. amplificans Csy. 07–410 Ariz.

Metopoloba Csy. 07–412

11569. bifossiceps Csy. 07–413 Nev.
70. proba Csy. 07–414 Utah
71. punctiventris Csy. 07–414 Utah
72. perpolita Csy. 07–415 Utah?
73. subseriata Csy. 07–415 Tex.

Metopoloba Csy.

11574. snowi Csy. 07–416 Ariz.
75. pruinosa (Horn) 70–264 Ariz. So.Cal.
76. densiventris Csy. 07–417 N.Mex.
77. contaminata Csy. 07–418 Ariz.
78. amplexa Csy. 07–418 Tex.
79. sublæviceps Csy. 07–418 Ariz.
80. angulata Csy. 07–419 Ariz.
81. californica Csy. 07–419 So.Cal.

Pechalius Csy. 07–420

11582. subvittatus Csy. 07–421 Tex.

Epitragodes Csy. 90–365

11583. tomentosus (Lec.) 66–109 Fla. Ga
84. debilicollis Csy. 07–423 Fla.
85. pardalis Csy. 07–423 Fla.
86. cuprascens Csy. 07–424 Fla.
87. floridanus Csy. 07–424 Fla.
88. obesulus Csy. 07–425 Fla.
89. macilentus Csy. 09–425 Fla.

Phegoneus Csy. 07–426

11590. jülichi (Csy.) 91–55 Tex.

Schœnicus Lec. 66–109

11591. puberulus Lec. 66–100 Ga. Fla. N.J.

Conœcus Horn 85–159

11592. ovipennis Horn 85–159 Tex.
93. estriatus Csy. 07–431 Tex.

TRIOROPHINI

Triorophus Lec. 51–141

11594. lævis Lec. 51–141 So.Cal.
95. politus Csy. 07–435 So.Cal.
96. terebratulus Csy. 07–436 Ariz.
97. mundulus Csy. 07–436 Ariz.
98. simplex Csy. 07–436 Ariz.
99. gravidulus Csy. 07–437 Ariz.
11600. basalis Csy. 07–437 Ariz.
01. histrio Csy. 07–437 Ariz.
02. gracilicornis Csy. 07–437 So.Cal.
03. longicornis Csy. 07–438 Ariz.
04. rugiceps Lec. 51–142 Cal.
05. lecontei Csy. 90–327 Tex.
06. nodiceps Lec. 53–446 Tex.
07. brevis Csy. 07–439 Tex.
08. mixtus Csy. 07–440 Tex.
09. subpubescens Horn 70–259 ?So.Cal.
10. punctatus Lec. 51–142 Cal.So.Cal.

Micromes Csy. 07–441.

11611. ovipennis (Horn) 74–28 So.Cal.
12. maritimus (Csy.) 92–52 So.Cal.

Trichiotes Csy. 07–443

11613. seriatus Csy. 07–444 Tex.

Oxygonodera Csy. 07–444

11614. hispidula (Horn) 74–29 Utah
15. villosa Csy. 07–445 Utah
16. grandiceps Csy. 07–446 Utah

Triphalus Lec. 66–104

11617. perforatus Lec. 66–104 L.Cal.
18. cribricollis Horn 95–251 L.Cal.

Stibia Horn 70–260

11619. puncticollis Horn 70–260 L.Cal.

EDROTINI

Edrotes Lec. 51–140

11620. ventricosus Lec. 51–141 So.Cal.
21. orbus Csy. 07–452 Ariz.
22. nitidus Csy. 90–175 So.Cal.
23. angusticollis Csy. 07–452 So.Cal.
24. longipennis Csy. 07–453 Utah
25. rotundus (Say) 23–251 Colo.
26. globosus Csy. 90–175 Colo.

Edrotes Lec.

11627. inflatus Csy. 07–454 N.Mex.
28. puncticeps Csy. 07–454 N.Mex.
29. intermixtus Csy. 07–455 Ariz.
30. oblongulus Csy. 07–455 N.Mex.
31. lineatus Csy. 07–456 Ariz.
32. subæqualis Csy. 07–456 Colo.
33. angustulus Csy. 07–456 Tex.

CRANIOTINI

Craniotus Lec. 51–142

11634. pubescens Lec. 51–142 So.Cal. Ariz.

ZOPHERINI

Zopherus Cast. 40–205

11635. haldemani Sallé(Horn 70–271) Tex.

Zopherus Cast.

nodulosus || Horn 67–159
variolosus || Hald 52–376

Zopherodes Csy. 07–36

11636. tristis (Lec.) 51–130 Ariz. So.Cal.
a. variabilis Csy. 07–464 Ariz.
b. incrustans Csy. 07–464 Ariz.
c. æqualis Csy. 07–38 Ariz.
37. concolor (Lec.) 51–130 N.Mex.
38. induratus (Csy.) 90–367 Cal. So.Cal.
39. ventriosus Csy. 07–39 So.Cal.
a. californicus Csy. 07–466 Cal.
b. parvicollis Csy. 07–466 Cal.
40. guttulatus (Horn) 67–160 Tex. N.Mex.
a. morosus Csy. 07–465 N.Mex.
41. otiosus Csy. 07–39 N.Mex.
verrucipennis Csy. 07–465 N.Mex.

Zopherodes Csy.

11642. pudens Csy. 07–40 Ariz.
43. elongatus Csy. 07–466 Ariz.
44. lugubris Csy. 07–41 Ariz.
45. utcanus Csy. 07–40 Utah
46. mormon Csy. 07–40 Utah
47. opacus (Horn) 67–161 Nev. Utah
48. caudalis Csy. 07–41 Ariz.
49. pruddeni Csy. 07–41 Ariz.
50. luctuosus Csy. 07–41 Ariz.
51. granicollis (Horn) 85–160 L.Cal. So.Cal.
52. geminatus Csy. 07–467 Ariz.
53. gracilis (Horn) 67–162 Ariz.
54. elegans (Horn) 70–272 N.Mex.

NOSODERMINI

Phlœodes Lec. 62–216
(*Agcnoma* Pasc. 66–487)

11655. diabolicus Lec. 51–130 Cal. So.Cal.
56. ovipennis Csy. 07–42 Cal..
57. elongatus Csy. 07–42 Cal.
58. pustulosus Lec. 59–77 Cal.
59. scaber Csy. 07–43 Cal.
60. latipennis Csy. 07–43 Cal.
61. angustus Csy. 07–43 Cal.
62. remotus Csy. 07–472 Cal.

Noserus[1] Lec. 62–216

11663. plicatus Lec. 59–77 Cal. So.Cal.
64. torvus Csy. 07–44 Cal.

Noserus Lec.

11665. collaris Csy. 07–44 Cal.
66. corrosus Csy. 07–474 Cal.
67. convexulus Csy. 07–474 Cal.
*
68. emarginatus Horn 78–55 Tex.

Phellopsis Lec. 62–216
(*Pseudonosoderma* Heyd. 85–305)

11669. porcata (Lec.) 53–235 Or. Alas.
70. robustula Csy. 07–45 Idaho
71. obcordata (Kby.) 37–236 Pa.N.H.Nfld.
72. montana Csy. 07–46 Cal.
— ?amurense (Heyd.) 85-306 Sib.

USECHINI

Usechus Mots. 45–79

11673. lacerta Mots. 45–79 Cal.

Usechus Mots.

11674. nucleatus Csy. 89–176 No.Cal.

ARÆOSCHIZINI

Aræoschizus Lec. 51–138

11675. costipennis Lec. 51–138 Cal. N.Mex.
76. tenuis Csy. 07–486 Ariz. [So.Cal.
77. exiguus Csy. 07–487 Cal.
78. fimbriatus Csy. 90–369 Cal. Ariz.
79. sulcicollis Horn 70–274 Cal. So.Cal.
80. simulans Csy. 07–488 So.Cal.

Aræoschizus Lec.

11681. regularis Horn 70–274 Ariz.
82. simplex Csy. 90–369 Tex. Ariz.
83. decipiens Horn 90–342 Ariz. Mex.
84. armatus Horn 70–275 Cal. So.Cal.
85. duplicatus Csy. 07–491 Wy.

DACODERINI

Dacoderus Lec. 58–74

11686. striaticeps Lec. 58–75 So.Cal.Ariz.
87. laevipennis Horn 93–139 Tex.

TYPHLUSECHINI

Typhlusechus Linell 97–154

11688. singularis Linell 97–155 So.Cal.

BATULIINI

Batulius Lec. 51–148

11689. setosus Lec. 51–148 So.Cal.Ariz.

Batuliodes Csy. 07–499

11690. rotundicollis (Lec.) 51–148 So.Cal.

ANEPSIINI

Anepsius Lec. 51–147

11691. valens Csy. 07–504 Ariz.
92. montanus Csy. 92–55 Colo.
93. delicatulus Lec. 51–148 So.Cal.
a. atratus Csy. 07–506 So.Cal.
catenulosus Csy. 07–505 So.Cal.

Anepsius Lec.

11694. brunneus Csy. 07–506 S. W. Utah
95. nebulosus Csy. 07–507 So.Cal.
96. bicolor Csy. 07–507 So.Cal.
97. deficiens Csy. 07–507 So.Cal.

VACRONINI

Vacronus Csy. 07–508

11698. tenuicornis Csy. 07–508 Cal.

[1] This name is probably preoccupied; see Cockerell 1916.

NYCTOPORINI

Nyctoporis Esch. 31–11
(*Emcax* Pasc. 66–450)
(*Enneacoides* Fairm. 81–277)
11699. cristata Esch. 31–11 Cal.
galeata Lec. 57–49
11700. pullata Csy. 07–510 No. Cal.
01. sponsa Csy. 07–510 Cal.

Nyctoporis Esch.
11702. carinata Lec. 51–138 Cal.So.Cal.
vinculiger (Fairm.) 81–277
03. segnis Csy. 07–511 Cal.
04. æquicollis Esch. 31–12 Cal.
05. maura Csy. 07–512 Cal.
06. tetrica Csy. 07–512 Cal.

CRYPTOGLOSSINI

Centrioptera Mann. 43–279
(*Oochila* Lec. 66–220)
(*Asbolus* Lec. 54–64 pars)
11707. spiculifera Lec. 61–337 Cal.
08. muricata Lec. 51–142 Cal. Ariz. So. Cal.
09. utensis Csy. 07–513 S. W. Utah
10. asperata Horn 70–279 Cal. So. Cal.
11. variolosa Horn 70–280 Ariz.
12. seriata Lec. 61–337 L.Cal.So.Cal.
13. infausta Lec. 54–84 Tex.
14. angularis Horn 94–414 L. Cal.
— caraboides Mann. 43–280 Cal.

Schizillus Horn 74–33
11715. laticeps Horn 74–33 Cal. So. Cal.

Cryptoglossa Sol. 36–680
11716. verrucosa Lec. 51–129 So. Cal. Ariz.
17. laevis Lec. 51–130 Cal. So. Cal.

Threnus Mots. 70–406
11718. niger Mots. 70–406 Cal.

Eschatoporis Blaisd. 06–76
11719. nunenmacheri Blaisd. 06–77 Cal.

ASIDINI

Astrotus Lec. 58–19
11720. contortus (Lec.) 53–446 Tex.
21. regularis Horn 70–290 Tex.
22. alveolatus Csy. 12–83 Tex.

Stenosides Sol. 36–484
11723. texanus (Wickh.) 03–72 Tex.

Pactostoma Lec. 58–19
(*Ologlyptus* Lacord. 59–158)
11724. anastomosis (Say) 23–256 Kan. Ark.
a. salebrosa Csy. 12–87 Tex. [Colo.
25. exoleta Csy. 12–87 Ariz.
26. monticola Csy. 12–88 Ariz.
27. luteotecta Csy. 12–88 N. Mex.
28. sigillata Csy. 12–89 Ariz.
29. obtecta Csy. 12–89 N. Mex.
30. sinuaticollis Champ. 84–69 Tex.

Pycnonotida Csy. 12–89
11731. laxicollis Csy. 12–91 So. Cal.
32. inæqualis (Lec.) 51–129 So. Cal.
a. diversa Csy. 12–92 So. Cal.
33. araneoides Csy. 12–92 So. Cal.
34. impar Csy. 12–93 So. Cal.
35. puncticollis (Lec.) 51–129 So. Cal.
36. polita (Horn) 93–141 Ariz.

Microschatia Sol. 36–474
11737. championi Horn 93–140 L. Cal.
punctata || Horn 70–282
*
38. morata Horn 78–56 N. Mex. Ariz.
39. sulcipennis Lec. 58–18 Tex. N. Mex.

Glyptasida Csy. 12–95
(*Pelecyphorus* Lec. nec Sol.)
11740. sordida (Lec.) 53–445 Ark.
a. porcatula Csy. 12–97 Colo.
41. parvicollis Csy. 12–97 Ariz.
42. subpubescens Csy. 12–98 N. Mex.

Glyptasida Csy.
11743. turgescens Csy. 12–98 Kan.
a. obesa Csy. 12–99 Kan.
b. furtiva Csy. 12–99 Kan.
44. procrustes Csy. 12–99 Kan.
45. strigipennis Csy. 12–100 Kan.?
46. costipennis (Lec.) 58–20 Ariz.
a. fulvisetis Csy. 12–100 ?
47. turbulenta Csy. 12–101 N. Mex.
48. ægra (Lec.) 58–19 Tex.
a. irregularis (Lec.) 58–19 Tex.
b. pigra Csy. 12–102 ?
c. plena Csy. 12–102 ?
d. imperfecta Csy. 12–102 Colo.?
49. heres Csy. 12–103 Tex.
50. crenicollis Csy. 12–103 Wy.
51. sycophanta Csy. 12–104 Tex.

Pelecyphorus Sol. 36–467
(*Philolithus* Lacord. 59–157)

I.

11752. ægrotus Lec. 61–337 L.Cal. So.Cal.
a. limbatus Csy. 12–107 L.Cal.
53. corporalis Csy. 12–107 Ariz.
54. reptans Csy. 12–108 Ariz.
55. socer Csy. 12–108 Ariz.?
56. abscissus Csy. 12–109 Ariz.
57. fumosus Csy. 12–109 So.Cal.
58. morbillosus Lec. 58–74 Mex.
a. sobrius Csy. 12–110 So.Ariz.
b. pacatus Csy. 12–110 Ariz.
59. parvus Csy. 12–110 Ariz.
60. piceus Csy. 12–111 Ariz.
a. crudelis Csy. 12–111 Ariz.
61. snowi Csy. 12–111 Ariz.
62. subtenuis Csy. 12–112 Ariz.

II.

63. carinata Lec. 51–128
carinifera Gebien 10–128 So.Cal.
64. sophistes Csy. 12–113 Cal.
65. quadripennis Csy. 12–113 L.Cal.

Pelecyphorus Sol.

III.

11766. adversus Csy. 12–114 Ariz.
67. reflexus Csy. 12–114 Cal.
68. opimus Csy. 12–115 So.Cal.
69. actuosus (Horn) 70–284 So.Cal.
70. haruspex Csy. 12–115 S.W. Utah
a. ellipsipennis Csy. 12–116 S.W. Utah
71. pantex Csy. 12–116 Nev.
72. corrosus Csy. 12–117 E.Wash.
73. densicollis (Horn) 94–417 Or.

Gonasida Csy. 12–117

11774. gravida Csy. 12–119 Ariz.
75. inferna Csy. 12–119 N.Mex.
76. compar Csy. 12–120 Kan.
77. elata (Lec.) 53–445 Tex. N.Mex.
a. difformis (Lec.) 54–223 Tex. (Ariz.?)
b. reducta Csy. 12–121 Kan.
c. prolixa Csy. 12–121 Kan.
78. aucta Csy. 12–122 Colo.
79. alaticollis Csy. 12–122 N. Mex.

Parasida Csy. 12–124

11780. laciniata Csy. 12–128 Ariz.
81. lirata (Lec.) 54–223 N.Mex. So.
82. sexcostata (Lec.) 61–337 L.Cal. [Ariz.?

Euschides Lec. 58–19

I.

11783. pollens Csy. 12–134 Ariz.
a. proximus Csy. 12–134 Ariz.
84. brevimargo Csy. 12–134 Ariz.
85. rusticus Csy. 12–135 Ariz.
86. sponsor Csy. 12–135 Ariz.
87. implicans Csy. 12–136 Ariz.
88. marginatus (Lec.) 51–128 Ariz. So.Cal.
a. duplicans Csy. 12–136 ?
b. esuriens Csy. 12–137 So.Cal.
89. procurrens Csy. 12–137 Ariz.
90. caliginosus Csy. 12–137 Ariz.
?subcostatus (Lec.) 53–446
91. satiatus Csy. 12–138 Ariz.
92. rugatus Csy. 12–138 Ariz.
93. rudis Csy. 12–139 Ariz.
94. rimatus (Lec.) 54–223 Tex.
a. subplanatus Csy. 12–139 Ariz.
95. cribratus Csy. 12–140 N.Mex.
96. suberuentus Csy. 12–140 N.Mex.
97. semirufus Csy. 12–140 Ariz.
98. directa Csy. 12–141 Ariz.
99. subcylindricus (Horn) 70–288 Ariz.

II.

11800. advena Csy. 12–143 Colo.
01. corrugans Csy. 12–143 Ariz.
02. severus Csy. 12–144 N.Mex.

III.

11803. spurcans Csy. 12–145 Cal.
04. lecontei (Horn) 66–12 Cal.
costipennis || (Lec.) 59–76 Cal.
05. evanescens Csy. 12–146 Cal.
06. compressus (Horn) 70–287 Cal.
07. neutralis Csy. 12–146 Cal.

IV.

08. crinitus Csy. 12–148 Or.
09. puncticollis (Lec.) 66–111
robusta (Gebien) 10–135 Or.

Euschides Lec.

12810. tetricus Csy. 12–149 Utah
11. consobrinus (Horn) 70–287?

V.

12. captiosus (Horn) 70–287 Cal.
13. maritimus Csy. 12–151 Cal.
a. imulus Csy. 12–151 Cal.
14. subelegans Csy. 12–152 Cal.
15. tularensis Csy. 12–152 Cal.
16. amplicollis Csy. 12–153 Cal.
17. integer Csy. 12–153 Cal.
18. crassus Csy. 12–154 Cal.
19. angulatus (Lec.) 51–127 Cal. So.Cal.
20. deceptor Csy. 12–154 Cal.
21. gravidipes Csy. 12–155 Cal.
22. luctatus (Horn) 70–286 Cal. So.Cal.

VI.

23. convexicollis (Lec.) 54–223 N.Mex.
24. inhabilis Csy. 12–156 N.Mex.
a. retusus Csy. 12–157 Kan.
25. fastigiosus Csy. 12–157 N.Mex.
26. globicollis Csy. 12–158 Neb.

VII.

27. vigens Csy. 12–159 Ariz.
28. convexus (Lec.) 59–14 Colo. W.Kan.
29. gracilior Csy. 12–160 Kan.
30. obovatus (Lec.) 51–127 Ariz. So.Cal.
a. nitidipennis Csy. 12–160 Ariz.
b. gliscans Csy. 12–161 Ariz.
31. consuetus Csy. 12–161 Ariz.?
32. socialis Csy. 12–162 N.Mex.
33. huachucæ Csy. 12–162 Ariz.
34. consors Csy. 12–162 N.Mex.
35. papagoanus Csy. 12–163 Ariz.
36. strigulosus Csy. 12–163 Ariz.
37. congruens Csy. 12–164 N.Mex.
a. lubricus Csy. 12–164 Ariz.
38. facilis Csy. 12–165 Kan.

Heterasida Csy. 12–165

11839. bifurca (Lec.) 61–337 L.Cal.
40. connivens (Lec.) 66–110 L.Cal.
41. tantilla Csy. 12–167 L.Cal.
42. exilis Csy. 12–168 L.Cal.
43. subvittata (Horn) 94–416 L.Cal.

Asidina Csy. 12–169

11844. parallela (Lec.) 51–128
neglecta (Gebien) 10–134 So.Cal.
45. teres Csy. 12–171 Ariz.
46. liberta Csy. 12–171 Ariz.
47. wickhami (Horn) 94–420 Ariz.
48. confluens (Lec.) 51–128 So.Cal.

Trichiasida Csy. 12–172

I.

11849. hirsuta (Lec.) 51–127 So.Cal.
50. lineatopilosa Csy. 12–175 So.Cal.

II.

51. acerba (Horn) 78–56 Utah
52. hispidula (Lec.) 51–127 So.Cal.
53. tenella Csy. 12–177 Ariz.

III.

54. duplex Csy. 12–178 Tex.
55. gabbi (Horn) 80–152 L.Cal. So.Cal.
gibbicollis || (Horn) 70–288

IV.

56. impetrata (Horn) 94–418 So.Cal.
57. ignava Csy. 12–180 Ariz.

Trichiasida Csy.
11858. impotens Csy. 12–180 Ariz.
V.
59. horrida (Champ.) 92–500 Mex. Tex.
60. semilaevis (Horn) 70–284 Nev.

Platasida Csy. 12–182
11861. embaphionides (Horn) 94–419 L.Cal.
62. flaccida (Horn) 96–379 L.Cal.

Asidopsis Csy. 12–185
I.
11863. macra (Horn) 82–304 N.Mex. Ariz.
64. eximia Csy. 12–188 Tex.
65. quadricollis (Horn) 80–151 N.Mex.
66. cochisensis Csy. 12–189 Ariz.
67. gracilipes Csy. 12–189 Ariz.
68. suavis Csy. 12–190 Ariz.
69. pinalica Csy. 12–190 Ariz.
II.
70. consentanea Csy. 12–192 Cal.?
71. obsidiana Csy. 12–193 Colo.
72. polita (Say) 23–255 Kan. Neb.
a. subopaca Csy. 12–193 Kan.
b. futilis Csy. 12–194 Kan.
73. dolosa Csy. 12–194 Wy.
III.
74. mancipata (Horn) 78–56 N.Mex.
IV.
75. nitidula Csy. 12–196 N.Mex.
76. woodgatei Csy. 12–197 N.Mex.
77. tensa Csy. 12–197 Colo.
78. opaca (Say) 23–254 Kan. Colo.
79. collega Csy. 12–198 Kan. [Mont.
80. abbreviata Csy. 12–198 N.Mex.

Asidopsis Csy.
11881. servilis Csy. 12–199 Colo.
82. immunda Csy. 12–199 N.Mex.
83. cœnosa Csy. 12–200 N.Mex.
V.
84. planata (Horn) 94–415 L.Cal.

Megasida Csy. 12–202
11885. obliterata (Champ.) 92–497 Mex.Ariz.Tex.

Stethasida Csy. 12–203
I.
11886. obsoleta (Lec.) 51–128 Cal. So.Cal.
a. expansa Csy. 12–205 Cal.
b. opacella Csy. 12–205 Cal.
87. brevipes Csy. 12–206 Cal.
88. torpida Csy. 12–206 Cal.
89. discreta Csy. 12–207 Cal.
90. longula Csy. 12–207 Cal.
91. convergens Csy. 12–207 So.Cal.
92. adumbrata Csy. 12–208 So.Cal.
93. tarsalis Csy. 12–208 Cal.
94. occulta Csy. 12–208 Ariz.
95. unica Csy. 12–209 So.Cal.
II.
96. stricta Csy. 12–210 Cal.
97. pertinax Csy. 12–211 So.Cal.
98. muricatula (Lec.) 51–129 Cal. So.Cal.
a. languida Csy. 12–211 So.Cal.
99. socors Csy. 12–212 Cal.
11900. angustula Csy. 90–370 So.Cal.
a. inepta Csy. 12–213 So.Cal
01. tenax Csy. 12–213 So.Cal.
02. vegrandis Csy. 12–214 So.Cal.

Asida auct. nec Latr. 04–269
— californica Mots. 70–399 Cal.

TENEBRIONINÆ

Casey 90–390 pars

Scaurini

Argoporis Horn 70–325
11903. costipennis (Lec.) 51–143 Or. So.Cal.
04. ebenina Horn 94–424 L.Cal. [Ariz.
05. inconstans Horn 94–425 L.Cal. So.Cal.
06. alutacea Csy. 90–406 Ariz.
bicolor ‡ Horn 70–325
07. bicolor (Lec.) 51–143 Cal. So.Cal.
08. rufipes Champ. 85–94 Mex. Tex.
nitida Csy. 90–406
09. atripes Champ. 85–95 Ariz. Mex.

Cerenopus Lec. 51–143
11910. concolor Lec. 51–143 Cal. So.Cal.
11. angustatus Horn 94–426 L.Cal.
12. aterrimus Horn 94–425 L.Cal.

Cerenopus Lec.
11913. cribratus Lec. 61–337 L.Cal.
14. costulatus Horn 70–326 L.Cal. So.Cal.

Eulabis Esch. 29–14
(*Apsena* Lec. 62–228)
11915. bicarinata Esch. 29–15 Cal.
16. pubescens (Lec.) 51–144 Cal. So.Cal.
17. grossa (Lec.) 66–118 Cal. So.Cal.
18. laticornis Csy. 91–60 So.Cal.
19. crassicornis Csy. 90–404 So.Cal.
20. rufipes Esch. 29–15 Cal. So.Cal.
(*Epantius* Lec. 51–144)
21. obscura (Lec.) 51–144 Cal. So.Cal.

Blaptini

Blaps Fab. 75–254
11922. mucronata Latr. 04–278 *Eur. Md.
23. lethifera Marsh. 02–479 *Eur.Va.N.J.

Blaps Fab.
similis Latr. 04–279
mortisaga ‡ auct. nec L. 58–418

ELEODINI

Blaisdell 09, 10[1]

Eleodes Esch. 29–8
(*Melaneodes* Blais. 09–33)
11924. debilis Lec. 58–185 N.Mex.Ariz. Tex.
25. carbonaria (Say) 23–260 Colo.N.Mex.
immunis Lec. 58–186 [Ariz. Tex.
f. glabra Blais. 09–47
f. typica Blais. 09–47
f. interstitialis Blais. 09–47
a. soror Lec. 58–185 Tex.
26. nitida Csy. 91–58 Ariz.
dolosa Blais. 09–40
a. ampla Blais. 09–40 Ariz. N.Mex.
27. obsoleta (Say) 23–261 Kan. N.Mex.
f. glabra Blais. 09–60 Ariz.
f. typica Blais. 09–60
f. punctata Blais. 09–60 N.Mex. Colo.
f. annectans Blais. 09–60 Colo.
a. porcata Csy. 90–396 Ariz. N.Mex.
28. knausi Blais. 09–40 N.Mex.
29. omissa Lec. 58–186 Cal.
interrupta Blais. 92–241 Cal. So.Cal.
f. typica Blais. 09–73 Cal.
f. catalinæ Blais. 09–73 Cal.
f. communis Blais. 09–73 Cal.
f. emarginata Blais. 09–74 Cal.
a. pygmæa Blais. 09–40 So.Cal.
f. typica Blais. 09–79
f. borealis Blais. 09–79
b. peninsularis Blais. 09–40 L.Cal.
30. quadricollis Esch. 29–12 Cal. So.Cal.
f. typica Blais. 09–87
f. tarsalis Csy. 90–399 Cal.
a. anthracina Blais. 09–87 Ariz.
b. lustrans Blais. 09–89 Ariz.
30½. cuneaticollis Csy. 90–397 Cal.
31. humeralis Lec. 57–50 Id.Wash.Or.
latiuscula Walk. 66–329 Vanc. [N.Cal.
f. typica Blais. 09–97
f. granulato-muricata Blais. 09–97 Nev. Utah
f. tuberculo-muricata Blais. 09–97
32. rileyi Csy. 92–57 Ariz. [Colo.
33. tricostata (Say) 23–262 Mex.-Br.Am.
planata Sol. 48–366
alternata Kby. 37–232
f. typica Blais. 09–106
f. ovalis Blais. 09–106
f. costata Blais. 09–106
f. robusta Lec. 58–183
34. pedinoides Lec. 58–183 Tex.
f. typica Blais. 09–109
f. asperata Lec. 58–183
a. neomexicana Blais. 09–41 N.Mex.

(*Litheleodes* Blais. 09–34)
35. arcuata Csy. 84–47 Ariz.
36. extricata (Say) 23–261 Tex.-Br.Am.
f. typica Blais. 09–122
f. convexicollis Blais. 09–123 Wy. Mont.

Eleodes Esch.
f. cognata Hald. 52–376 Ariz. Utah
f. cognata-punctata Blais. 09–123 Colo. N.Mex.
f. elongata Blais. 09–123 Ariz.
a. arizonensis Blais. 09–116 Ariz.
11937. granulata Lec. 57–50 Or. Cal.
?subaspera Sol. 48–237
subtuberculata Walk. 66–328
f. typica Blais. 09–131
f. obtusa Lec. 61–352 Cal.
f. aspera Lec. 66–115 N.Mex.?
38. papillosa Blais. 17–226 No.Cal.
f. tuberculata Blais. 09–131 No.Cal.
39. vandykei Blais. 09–116 Cal.
f. typica Blais. 09–137 Cal.
f. parvula Blais. 09–137 Or.
40. letcheri Blais. 09–116 Nev.

(*Tricheleodes* Blais. 09–34)
41. hirsuta Lec. 61–352 So.Cal. Nev.
42. pilosa Horn 70–304 So.Cal. Nev.
f. typica Blais. 09–143 [Or.
f. ordinata Blais. 09–143
43. barbata Wickh. 18–256 N.Mex.

(*Pseudeleodes* Blais. 09–34)
44. granosa Lec. 66–116 Cal. Nev.
f. typica Blais. 09–150
f. fortis Blais. 09–150

(*Promus* Lec. 62–226)
45. insularis Linell 01–181 L.Cal. Is.
a. terricola Blais. 10–61 L.Cal.
f. peninsularis Blais. 09–79
46. subnitens Lec. 51–134 Ariz. So.Cal.
f. typica Blais. 09–163
f. sinuata Blais. 09–163
47. goryi Sol. 48–237 Mex. N.Mex.
48. seriata Lec. 58–185 Tex. [Tex.
48½. striolata Lec. 58–185 Tex. Mex.
49. fusiformis Lec. 58–184 Neb.Kan.Tex.
49½. opaca (Say) 23–262 Tex.Neb.Kan. Colo.

(*Heteropromus* Blais. 09–33)
50. veterator Horn 74–33 Tex.

(*Eleodes* Esch. s.str.)
51. obscura (Say) 23–259 N.Mex.-Wash.
a. dispersa Lec. 58–182 Ariz.-Colo.
f. deleta Lec. 58–182 N.Mex.
b. sulcipennis Mann. 43–266 Or.N.Cal. Id.
conjuncta Walk. 66–329 Vanc.
convexicollis Walk. 66–328 Vanc.
f. arata Lec. 58–182
52. acuta (Say) 23–258 Kan.-Tex.
53. suturalis (Say) 23–257 Tex.-Dak.
a. texana Lec. 58–182 Kan.Tex.Colo.
54. grandicollis Mann. 43–266 Cal. So.Cal.
f. typica Blais. 09–208
f. valida Boh. 59–90 So.Cal. Ariz.
55. sponsa Lec. 58–184 Tex.-Vanc.
binotata Walk. 66–329 Vanc.

[1] The letter f. preceding a name in Eleodes means "forma" a term used by Blaisdell to cover "minor degrees of divergencies exhibited by individuals that are presumably the progeny of parents specifically or racially identical." That author has, however, later elevated several such names to higher rank, the original presumption in such cases having been apparently erroneous. Though unnumbered, these names must not be construed as synonyma. Changes in 11926, 11930, 11948, 11949 and 11985 have been made by Dr. Blaisdell during proof reading.

Eleodes Esch.

f. typica Blais. 09–215
f. convexa Blais. 09–215
11956. hispilabris (Say) 23–259 Colo.-Mex.
lecontei Gemm. 70–122
sulcata Lec. 52–67
f. typica Blais. 09–220
f. nupta Lec. 58–183 Tex.
a. sculptilis Blais. 09–220 Ariz.
f. convexa Lec. 57–49 Tex.
b. imitabilis Blais. 18–167 Ut.Or.Wash.
f. lævis Blais. 09–220 Utah, Wash.
f. elongata Blais. 09–220 Ariz.
c. composita Csy. 91–58 Tex.
d. attenuata Blais. 18–168 Ariz.
57. caudifera Lec. 58–184 Colo.Ariz.Tex.
f. glabra Blais. 09–228 Tex. Ariz.
f. sublævis Blais. 09–228 Ariz.
f. typica Blais. 09–228
f. scabra Blais. 09–228 N.Mex.
58. longipilosa Horn 91–42 Nev. Cal.
59. gracilis Lec. 58–184 So.Cal.N.Mex.
a. distans Blais. 09–235 [Ariz.
60. subpinguis Blais. 09–234 Tex.
61. dentipes Esch. 29–10 Cal.
a. pertenuis Blais. 09–253
b. elongata Blais. 09–254
f. lævis Blais. 09–254
c. perpunctata Blais. 18–386 Cal.
f. punctata Blais. 09–254
d. prominens Csy. 90–401 Cal.
e. confinis Blais. 95–237
f. robusta Blais. 09–255
f. elegans Csy. 90–401 No.Cal.
62. armata Lec. 51–131 Colo.Ariz.Cal.
f. typica Blais. 09–262 [So.Cal.
f. sinuata Blais. 09–262
a. impotens Blais. 95–236
b. subcylindrica Csy. 90–400 Ariz.
f. typica Blais. 09–262
f. subedentata Blais. 09–26
63. femorata Lec. 51–134 Cal. So.Cal.
f. typica Blais. 09–270
f. subedentata Blais. 09–270
a. militaris Horn 70–303 L.Cal. Ariz.
64. acuticauda Lec. 51–135 Cal. So.Cal.
f. typica Blais. 09–278
f. punctata Blais. 09–278
a. laticollis Lec. 51–135
f. muricata major Blais. 09–283
f. muricata minor Blais. 09–283
f. insularis Blais. 09–284 St. Nich. Is.
65. eschscholtzi Sol. 48–238 Mex. Tex.
a. lucæ Lec. 66–114 L.Cal.
f. typica Blais. 09–291 L.Cal.
f. ecaudata Blais. 09–291 L.Cal.
f. inflata Blais. 09–291 L.Cal.
f. grandis Blais. 09–291 L.Cal.
66. tenuipes Csy. 90–399 Tex.
67. wickhami Horn 91–41 Ariz.
68. ventricosa Lec. 58–186 Tex. Mex.
a. falli Blais. 09–235

(*Blapylis* Horn 70–301)

69. tibialis Blais. 09–311 L.Cal.
f. typica Blais. 09–315 L.Cal.
f. oblonga Blais. 09–315 L.Cal.
70. snowi Blais. 09–311 Colo.Ariz.
f. typica Blais. 09–321
f. sinuata Blais. 09–321
f. robusta Blais. 09–32

Eleodes Esch.

11971. lecontei Horn 70–304 Colo.
subaspera || Lec. 66–115
72. tenebrosa Horn 70–304 So.Cal. Nev.
a. nana Blais. 09–311 So.Cal. Nev.
73. inculta Lec. 61–352 Cal.
a. affinis Blais. 18–384 Cal. Is.
74. consobrina Lec. 51–135 Cal. So.Cal.
veseyi Lec. 58–187
75. scabripennis Lec. 59–77 Cal. So.Cal.
76. blanchardi Blais. 09–312 Cal.
77. fuchsi Blais. 09–312 Cal.
78. neotomæ Blais. 09–312 Cal.
79. horni Blais. 09–312 Cal.
a. monticola Blais. 18–385 Cal.
80. parvicollis Esch. 29–11 Cal. So.Cal.
f. typica Blais. 09–356
f. farallonica Blais. 09–356
a. planata Esch. 29–12 Cal.
b. producta Mann. 43–271 Cal.
c. trita Blais. 17–225 Or. No.Cal.
d. squalida Blais. 18–380 Cal.
e. constricta Lec. 58–187 Cal.
81. hoppingi Blais. 09–312 Cal.
82. clavicornis Esch. 29–11 Cal.
impressicollis Boh. 58–90
83. scabrosa Esch. 29–11 Cal.
84. cordata Esch. 29–11 Cal.
tuberculata Esch. 29–12
intricata Mann. 43–273
stricta Lec. 57–50
84. f. sublævis Blais. 09–381 Cal.
f. typica Blais. 09–381 Cal.
a. adulterina Blais. 17–244 No.Cal.
f. intermedia || Blais. 09–381 No.Cal.
f. elongata Blais. 09–381 So.Cal.
f. oblonga Blais. 09–381 Cal.
b. horrida Blais. 18–383 Cal.
c. rotundipennis Lec. 57–50 Or. Wash.
d. hybrida Blais. 17–225 No.Cal.
85. pimelioides Mann. 43–274 Wash.Nev.
subligata Lec. 57–50 [Mont.
viator Lec. 58–188
a. brunnipes Csy. 90–402 Id. Wy.
b. brevisetosa Blais. 18–162 Cal.
c. patruelis Blais. 18–382 Ut.
86. nunenmacheri Blais. 18–163 Or. Cal.
a. verrucula Blais. 18–164 Or. Cal.
87. propinqua Blais. 18–165 Cal.
88. manni Blais. 17–221 Wash.
a. variolosa Blais. 17–223 Wash.
89. caseyi Blais. 09–313 Nev. Cal.

(*Metablapylis* Blais. 09–34)

90. nigrina Lec. 58–186 Or. Colo.Ariz.
a. perlonga Blais. 09–393 Wy.
91. dissimilis Blais. 09–393 Ariz.
a. nevadensis Blais. 09–393 Nev. Ariz.
92. schwarzi Blais. 09–393 Wash.

(*Stenelcodes* Blais. 09–33)

93. gigantea Mann. 43–267 No.Cal.
a. gentilis Lec. 58–187 Cal. So.Cal.
b. estriata Csy. 90–398
c. meridionalis Blais. 18–387 So.Cal.L.Cal.
94. longicollis Lec. 51–134 Ariz.N.Mex.
haydeni Lec. 58–186 [Tex.
95. innocens Lec. 66–114 L.Cal.

(*Discogenia* Lec. 66–117)

96. marginata Esch. 29–10 Cal. So.Cal.
fischeri Mann. 43–137

Eleodes Esch.
11997. scabricula Lec. 58–187 Cal.
f. typica Blais. 09–444
f. deplanata Blais. 09–444
98. planipennis Lec. 66–116 N.Mex.Ariz. Colo.

— reflexicollis Mann. 43–270 Cal.
— vicina Lec. 51–133 Cal.

Troglodorus Lec. 79–2
11999. costatus Lec. 79–3 Nev. Id.Ariz.
12000. tuberculatus Blais. 09–486 Cal. So.Cal.

Eleodimorpha Blais. 09–477
12001. bolcan Blais. 09–479 So. Cal.

Embaphion Say 23–254
12002. depressum Lec. 51–136 Cal. So.Cal.
03. elongatum Horn 70–321 Nev. Cal.
04. glabrum Blais. 09–453 Ariz. N.Mex.
05. contractum Blais. 09–453 N.Mex.
06. planum Horn 70–321 Kan. Colo.
07. contusum Lec. 58–20 Wy.Colo.Ariz.
f. typica Blais. 09–471
f. grandis Blais. 09–471
a. laminatum Csy. 90–403 Tex.
08. muricatum Say 23–251 Tex.Colo.Kan.
concavum Lec. 53–446 Neb. S.Dak.

CONIONTINÆ

BRANCHINI

Branchus Lec. 63–222
12009. floridanus Lec. 66–111 Fla.

Branchus Lec.
12010. opatroides Champ. 92–507 Mex. Tex.

CONIONTINI

Nesostes Csy. 08–58
12011. robustus (Lec.) 66–112 So.Cal. Is.
a. postremus Csy. 08–59 So.Cal. Is.

Discodemus Lec. 66–223
12012. reticulatus (Say) 23–250 N.Mex.
13. corrosus Csy. 08–61 Tex.
14. brevipennis Csy. 08–61 Ariz.
15. elongatulus Csy. 08–61 Ariz.
16. depressulus Csy. 08–62 Ariz.
17. subsericeus Csy. 08–62 Ariz.
18. knausi Csy. 08–62 Colo.

Megasattus Csy. 08–62
12019. erosus (Horn) 70–294 L.Cal.
20. costatus (Horn) 70–293 L.Cal.

Eusattodes Csy. 08–64
12021. lævis (Lec.) 66–113 L.Cal.So.Cal.

Eusattus Lec. 51–131
(*Conipinus* Lec. 63–223)
12022. secutus Horn 94–421 L.Cal.
23. nanus Csy. 95–613 Cal.
24. dubius Lec. 51–132 Ariz. So.Cal.
25. oblongulus Csy. 08–67 Cal.
26. productus Lec. 58–20 Ariz. So.Cal.
27. explanatus Csy. 08–68 So.Cal.
28. vicinus Csy. 08–68 Ariz.
29. lobatus Csy. 08–68 Ariz.
30. politus Horn 82–304 So.Cal.
31. coquilleti Linell 99–180 So.Cal.
32. difficilis Lec. 51–132 So.Cal.
33. agnatus Csy. 08–70 So.Cal.
34. compositus Csy. 08–71 Or.
35. congener Csy. 08–71 N.Mex.
36. acutangulus Csy. 08–72 Colo.
37. convexus Lec. 51–132 So.Cal.Colo.
38. rotundus Csy. 08–72 Colo. [N.Mex.
39. subnitens Csy. 08–73 Ariz.
40. turgidus Csy. 08–73 Kan.
41. peropacus Csy. 08–74 Kan.
42. acutus Csy. 08–74 Kan.
?sculptus Champ. 92–510 Mex.

Sphæriontis Csy. 08–75
12043. muricata (Lec.) 51–132 Or. So.Cal.
44. dilatata (Lec.) 51–132 So.Cal. [Ariz.
45. acomana Csy. 08–76 N.Mex.
46. ciliata (Horn) 94–422 L.Cal.
47. puberula (Lec.) 54–84 Tex.

Coniontides Csy. 08–78
12048. latus (Lec.) 66–113 So.Cal.Is.
49. finitimus Csy. 08–79 ?
50. insularis Csy. 90–377 So.Cal. Is.
51. clementinus Csy. 08–80 So.Cal. Is.

Coniontis Esch. 29–7
(*Coniontis* s. str.)
I.
12052. abdominalis Lec. 59–77 Cal. So.Cal.
53. tristis Csy. 08–84 So.Cal.
54. strenua Csy. 08–84 So.Cal.
55. gravis Csy. 08–85 Cal.
56. rugosa Csy. 08–85 ?
57. tenebrosa Csy. 08–86 So.Cal.
58. integer Csy. 08–87 So.Cal.
59. levettei Csy. 08–87 ?
a. picescens Csy. 08–87 ?
b. pectoralis Csy. 08–86 ?
60. elliptica Csy. 84–46 So.Cal.
a. catalinæ Csy. 08–88 So.Cal. Is.
61. lævigata Csy. 08–88 Cal.
62. luctuosa Csy. 08–89 So.Cal.
63. costulata Csy. 08–89 So.Cal.
64. robusta Horn 70–296 So.Cal.
65. sanfordi Blais. 95–235 Cal.
66. verna Csy. 08–94 Cal.
II.
67. histrio Csy. 08–91 Ariz.
68. ancilla Csy. 08–91 So.Cal.
69. oblonga Csy. 08–92 Cal.
70. obsolescens Csy. 08–92 Cal.
71. pallidicornis Csy. 90–385 So.Cal.
72. degener Csy. 08–93 So.Cal.?
73. opaca Horn 70–296 So.Cal. Nev.
74. lassenica Csy. 08–95 Cal.
75. nevadensis Csy. 08–95 Nev.
a. carsonica Csy. 08–95 Nev.

Coniontis Esch.

12076. punctipes Csy. 90–380 So.Cal.

III.

77. rotundicollis Csy. 08–97 Cal.
78. blaisdelli Csy. 08–98 Cal.
79. innocua Csy. 08–99 Cal.
80. elongata Csy. 90–380 Cal.
a. limatula Csy. 08–99 Cal.
81. obsidiana Csy. 08–100 Cal.
82. cylindrica Csy. 08–100 Cal.
83. genitiva Csy. 90–385 Cal.
84. opacicollis Csy. 08–101 ?
85. longicollis Csy. 08–101 ?
86. timida Csy. 08–102 Cal.
87. conicicollis Csy. 08–102 Cal.
88. viatica Esch. 29–7 Cal.
89. lucidula Csy. 08–103 Cal.
90. protensa Csy. 08–104 Cal.
91. thoracica Csy. 08–104 Cal.
92. proba Csy. 08–105 Or.
93. punctipennis Lec. 51–131 Cal.
94. exigua Csy. 08–106 Cal.
inflexula Csy. 08–107 Cal.
95. paupercula Csy. 08–106 Cal.
96. hoppingi Blais. 18–7 Cal.
97. microsticta Csy. 08–107 Cal.
98. picipes Csy. 08–107 Cal.
99. inconspicua Csy. 08–108 Cal.

IV.

12100. atronitens Csy. 08–110 No.Cal.
01. sparsa Csy. 08–110 Cal.
02. cuneata Csy. 08–111 So.Cal.

V.

03. montana Csy. 90–384 Cal. Or.
a. canonica Csy. 08–114 Cal. Or.
b. perspicua Csy. 08–114 Cal.
04. subpubescens Lec. 51–131 Cal. So.Cal.
05. parallela Csy. 90–386 Cal.
06. parviceps Csy. 90–387 So.Cal.
07. filiola Csy. 08–115 So.Cal.

VI.

08. setosa Csy. 90–387 Idaho
09. obtusa Csy. 08–116 Utah
10. lanuginosa Csy. 08–117 Nev.
11. wickhami Csy. 08–117 Utah
12. pubifera Csy. 08–118 Wash.

VII.

13. expansa Csy. 08–120 Cal.
14. franciscana Csy. 08–120 Cal.
15. truncata Csy. 08–120 Cal.
16. suturalis Csy. 08–121 ?
17. audax Csy. 08–121 ?
18. convergens Csy. 08–122 ?
19. symmetrica Csy. 08–122 Cal.
20. anxia Csy. 08–123 ?
21. affinis Lec. 51–130 Cal.
a. patruelis Csy. 08–123 Cal.
22. oregona Csy. 08–124 Or.
23. extricata Csy. 08–124 Cal.

Coniontis Esch.

12124. marginata Csy. 08–125 Cal.
25. nemoralis Esch. 29–8 Cal.
26. parva Csy. 08–126 Cal.
27. minuta Csy. 08–126 Cal.
28. perpolita Csy. 08–127 Cal.
29. pudica Csy. 08–127 Cal.
30. callida Csy. 08–128 No.Cal.?
31. shastanica Csy. 08–128 No.Cal.
32. conferta Csy. 08–129 No.Cal.
33. eschscholtzi Mann. 40–138 Cal.
inæqualis Csy. 90–375
34. pagana Csy. 08–130 Cal.
35. inornata Csy. 08–130 Cal.
36. congesta Csy. 08–131 Cal.
37. agrestis Csy. 08–131 Cal.
38. farallonica Csy. 95–610 So.Cal.Is.

VIII.

39. breviuscula Csy. 08–133 Wash.?
40. sculptipennis Csy. 08–134 Wash.
41. regularis Csy. 08–134 Wash.
42. punctata Csy. 08–135 Wash.?
43. parilis Csy. 08–135 Vanc.
44. vancouveri Csy. 08–136 Vanc.
45. uteana Csy. 08–136 Utah
46. inepta Csy. 08–137 Colo.
47. oblita Csy. 08–137 No.Idaho?
48. arida Csy. 08–138 S.W. Utah
49. weidti Csy. 08–138 S.W. Utah
50. acerba Csy. 08–139 Mont.
51. anita Csy. 08–139 Colo.
52. alutacea Csy. 90–383 Nev.
53. corvina Csy. 08–140 Colo.
54. ovalis Lec. 51–131 Or. Wash. Vanc. Mont.

(*Crypticomorpha* Csy. 08–140)

55. tenuis Csy. 08–141 Cal.

(*Brachyontis* Csy. 08–141)

56. globulina Csy. 95–610 Cal. So.Cal.
a. muscula Blais. 18–9 Cal.

Coniontellus Csy. 90–388

12157. hystrix Csy. 08–142 Nev.
58. longipennis Csy. 08–143 Nev.
59. inflatus Csy. 90–389 Nev.
60. ampliatus Csy. 08–144 Nev.
61. obesus (Lec.) 51–131 Colo.
a. subglaber Csy. 90–389 Mont.
62. argutus Csy. 08–145 Cal.
63. micans Csy. 08–145 Colo.

Conisattus Csy. 95–614

12164. rectus Csy. 95–614 Or.

Cœlotaxis Horn 76–200

12165. punctulata Horn 76–201 Guadalupe
66. muricata Horn 76–201 Is. So.Cal.
67. densa Csy. 08–149 Is. So.Cal.
68. angustula Csy. 90–177 Is. So.Cal.
69. frontalis Csy. 08–149 Is. So.Cal.

CŒLINI

Cœlus Esch. 29–5

12170. globosus Lec. 51–133 So.Cal.
71. grossus Csy. 90–178 Cal. So.Cal.
72. solidus Csy. 08–153 So.Cal.
73. saginatus Csy. 08–154 So.Cal.
74. ciliatus Esch. 29–5 Cal.
a. longulus Csy. 08–154 Cal.

Cœlus Esch.

12175. debilis Csy. 08–155 Cal.
76. curtulus Csy. 95–612 Cal.
77. arenarius Csy. 89–179 So.Cal.
78. sternalis Csy. 08–156 So.Cal.
79. obscurus Csy. 08–156 So.Cal.
80. scolopax Csy. 08–157 So.Cal.

Cœlus Esch.
12181. amplicollis Csy. 08–157 So.Cal.
82. latus Csy. 95–612 So.Cal.

(*Pseudocœlus* Csy. 08–152)
83. pacificus Fall 97–241 So. Cal. Is.

Cœlus Esch.
12184. remotus Fall 97–241 So. Cal. Is.

Cœlomorpha Csy. 90–182
12185. maritima Csy. 90–183 L.Cal. So.Cal.
86. pallens Csy. 08–160 L.Cal.

PEDININÆ

BLAPSTINI (pars) Casey 95–615

Opatrinus Latr. 29–19
12187. aciculatus Lec. 58–75 Tex. Fla.
88. minimus (Beauv.) 05–164 E.U.S. Ind.
notus (Say) 27–237 Fla. [Conn.
89. sayi Horn 70–349 Kan.

Ulus Horn 70–358
12190. obliquus (Lec.) 66–117 L.Cal.
91. fimbriatus Csy. 90–413 Tex.
92. maritimus Csy. 90–414 Tex. Fla.
93. elongatulus Csy. 90–414 Tex. Ariz.
94. latus Blais. 92–243 So.Cal.
95. crassus (Lec.) 51–146 So.Cal. Ariz.

Cybotus Csy. 90–409
12196. estriatus (Lec.) 78–420 Fla.

Mecysmus Horn 70–349
12197. laticollis Csy. 90–463 Tex.
98. angustus (Lec.) 51–147 So.Cal. Ariz.
99. tenuis Csy. 90–465 So.Cal.
12200. parvulus Csy. 90–466 N.Mex.
01. advena Csy. 90–466 Tex.

Aconobius Csy. 95–617
12202. laciniatus (Csy.) 92–64 Ariz.
03. densus Csy. 14–377 N.Mex.
04. nigripes Csy. 14–378 Tex.

Blapstinus Latr. 29–21
12205. alutaceus Csy. 90–423 Fla. Tex.
opacus || Lec. 78–420
06. dispar Csy. 90–424 Fla.
07. metallicus (Fab.) 01–143 Can.-Fla.Ind.
a. æncolus Melsh. 46–66 Fla.
08. interruptus (Say) 23–264 Fla.N.Y.
Minn.Colo.
luridus Muls. & Rey 59–193 [Conn. Ind.
09. pratensis Lec. 59–15 Kan. Colo.-
10. fuscus Csy. 90–427 Tex. [Tex.
11. longulus Lec. 51–147 So.Cal.Ariz.
12. validus Csy. 90–429 So.Cal.
13. fortis Lec. 78–420 Fla.Tex.Mex.
interstitialis Champ. 85–125 [Cuba
punctulatus || Jacq. Duv. 57–141
14. dilatatus Lec. 51–146 So.Cal. Ariz.
?pullus (Say) 23–264
15. sonoræ Csy. 90–431 Mex.(U.S.?)
16. castaneus Csy. 90–432 Tex.Ariz.Colo.
17. histricus Csy. 90–433 L.Cal.So.Cal.
18. hospes Csy. 90–455 Colo.Wy.
19. oregonensis Csy. 90–435 Or.
20. niger Csy. 90–436 Ariz.
21. cribricollis Csy. 90–437 Ariz.
22. fuliginosus Csy. 90–438 Cal.
23. rufipes Csy. 90–439 So.Cal. Ariz.
24. coronadensis Blais. 92–242 So.Cal.
25. crassicornis Csy. 90–440 Nev.
26. elongatus Csy. 90–441 Cal.

Blapstinus Latr.
12227. mœstus Melsh. 46–65 N.H. R.I.Va.
28. pinorum Csy. 14–377 N.C. [Ind.
29. gregalis Csy. 90–442 Colo.-Wash.
30. substriatus Champ. 85–128 Mex.-Mont.
31. lepidus Csy. 90–444 Tex.
32. æqualis Csy. 90–445 So.Cal.
33. funebris Csy. 90–446 So.Cal.
34. pulverulentus Mann. 43–276 Cal.
californicus Mots. 45–77
35. parallelus Csy. 90–448 Cal.
36. inquisitus Csy. 90–449 Cal.
37. auripilis Horn 70–353 Ariz.
38. intermixtus Csy. 90–451 Ariz.
39. brevicollis Lec. 51–147 So.Cal. Wash.
40. brunneus Csy. 90–453 Tex.
41. hesperius Csy. 90–454 ♂ Or.
42. vestitus Lec. 59–15 Kan. Colo.
43. pimalis Csy. 85–185 Ariz. Mex.
umbrosus Champ. 85–127
44. arenarius Csy. 90–457 Tex.
45. debilis Csy. 90–458 Tex. Fla.
46. humilis Csy. 90–459 Fla.
47. aciculus Blatch. 17–275 Fla.
48. pubescens Lec. 51–147 So.Cal.
lecontei Muls. & Rey 59–192
49. sulcatus Lec. 51–147 So.Cal. Tex.
50. hydropicus Csy. 90–461 Ariz.
51. discolor Horn 70–354 Cal.

Conibius Lec. 51–145
12252. parallelus Lec. 51–146 So.Cal.
53. seriatus Lec. 51–146 No. & So.Cal.
54. guadalupensis Csy. 90–470 Guadalupe Is.
55. uniformis Csy. 90–471 Ariz.
56. brunnipes Champ. 85–183 Mex.(U.S.?)

(*Ooconibius* Csy. 95–618)
57. opacus (Lec.) 66–118 Cal.
reflexus (Horn) 94–429 L.Cal.

(*Euconibius* Csy. 95–618)
58. gagates Horn 70–357 Ariz.

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59. rotundicollis Linell 01–182 Tex.

Notibius Lec. 51–144
12260. puberulus Lec. 51–145 So.Cal.
a. substriatus Csy. 90–479 S.W.Utah-Cal.
b. laticeps Csy. 90–480 So.Cal.
61. puncticollis Lec. 51–145 So. & No.Cal.

Nocibiotes Csy. 95–618
12262. granulatus (Lec.) 51–145 So.Cal. Ariz.
63. gracilis Csy. 95–618 So.Cal.
64. crassipes (Csy.) 90–475 So.Cal.
65. acutus Csy. 95–620 Ariz.
66. candatus Csy. 95–621 Ariz.

Nocibiotes Csy.
12267. rubripes Csy. 95–621 Ariz.

Tonibius Csy. 95–622
12268. sulcatus (Lec.) 51–145 So.Cal.
a. alternatus (Csy.) 90–473 Cal.

Tonibiastes Csy. 95–617
12269. costipennis (Horn) 94–430 L.Cal.

Conibiosoma Csy. 90–476
12270. elongatum (Horn) 70–351 So.Cal.

OPATRINÆ

LEICHENINI

Alaudes Horn 70–361
12271. singularis Horn 70–362 So.Cal.

Anemia Cast. 40–218
12272. californica Horn 70–378 So.Cal.

Cnemeplatia Costa 47–146
12273. sericea Horn 70–360 So.Cal. Ariz.

Trichoton Hope 40–111
12274. sordidum (Lec.) 51–146 So.Cal. Ariz.

Ammodonus Muls. & Rey 59–143
12275. fossor (Lec.) 47–92 N.Y.S.I.N.J.
76. granosus Fall 12–47 Ariz.

Leichenum Blanch. 45–14
12277. variegatum Küst. 49–66 †Ala. Madagascar

OPATRUMINI

Gonocephalum Chev. 49–274
12278. latifrons (Lec.) 74–70 †Vanc.

Ephalus Lec. 62–229
12279. latimanus (Lec.) 54–219 Atl. St.

Cyclosattus Csy. 92–710
12280. websteri Csy. 91–56 Colo.

TRACHYSCELINÆ

Trachyscelis Latr. 09–379
12281. flavipes Melsh. 46–61 Gulf St.

PHALERIINÆ

Phaleria Latr. 02–162
(*Halophalerus* Cr. 73–107)
12282. rotundata Lec. 51–148 Cal. So.Cal.
83. limbata Horn 70–375 Cal. So.Cal.
84. pilifera Lec. 66–125 L.Cal.
85. punctipes Lec. 78–421 Fla.
86. testacea Say 24–280 E.U.S. Conn.
87. longula Lec. 66–125 Miss. Fla.

Phaleria Latr.
12288. picipes Say 24–280 U.S. Fla.
89. debilis Lec. 66–125 Cal.
90. gracilipes Csy. 90–484 Tex.
91. globosa Lec. 57–51 Cal.
92. humeralis Cast. 40–129 Cal.
93. picta Mann. 43–277 Alas.

CRYPTICINÆ

Crypticus Latr. 17–298
(*Pedinus* Latr. 96–20)

Crypticus Latr.
12294. obsoletus (Say) 23–265 Atl. St. Fla.

BOLITOPHAGINÆ

Bolitotherus Cand. 61–367
(*Phellidius* Lec. 66–236)
12295. cornutus (Panz.) 94–5 Fla. Ind.
bifurcus (Fab.) 98–40 Conn.

Bolitophagus Ill. 98–100
12296. corticola Say 25–238 Conn. Ind.

Eleates Csy. 86–253
12297. depressus (Rand.) 38–21 Me.
98. explanatus Csy. 90–486 Or. Cal.
99. occidentalis Csy. 86–254 Cal.

Megeleates Csy. 95–623
12300. sequoiarum Csy. 95–624 Cal.

RHIPIDANDRINÆ[1]

Barber

Rhipidandrus Lec. 62–236
(? *Heptaphylla* Fried. 83–375)
12301. flabellicornis (Sturm) 26–59 Can. Fla. Tex.
?paradoxa (Beauv.) 05–173

Cherostus Waterh. 94–68
(*Eutomus* Lacord. 66–369 nec Hope)

Cherostus Waterh.
12302. peninsularis (Horn) 94–392 L.Cal. Ariz.
03. fulvomaculata (Dury) 14–168 †Tex. Fla.

Eledona Latr. 96–19
12304. agaricola (Ilbst.) 83–35 Eur.& N.Am.?
fungicola Horn 70–389

[1] Corrections furnished by Mr. Barber who further suggests that the subfamily may be suppressed and included in Bolitophaginæ.

† Introduced.

DIAPERINÆ

Diaperis Geoffr. 62–337
12305. maculata Oliv. 91–273 U.S. Mex.
hydactina Fab. 98–178 [Conn. Ind.
hydni Fab. 01–585 Fla.
suturalis Chev. 77–170
a. floridana Blatch. 12–332 Fla.
06. rufipes Horn 70–379 Ariz.

Palembus Csy. 91–65
12307. ocularis Csy. 91–65 Fla.

Hoplocephala Cast. & Brullé 31–338
(*Arrhenoplita* Kby. 37–235)
(*Evoplus* Lec. 66–128)
(*Neomida* Muls. 54–217)
12308. viridipennis (Fab.) 01–586 S.C.Fla.Ind.
09. bicornis (Fab.) 77–215 No.&C.Am.
gracilis Mots. 73–467 [Ind. Conn.
metallica (Beauv.) 05–139
virescens Cast. & Brll. 31–341
10. ferruginea Lec. 66–128 Fla.
castanea Mots. 73–467
— chalybea Cast.& Brll. 31–341 Pa.
— collaris Cast.&Brll. 31–347 Pa.

Scaphidema Redt. 49–591
(*Nelites* Lec. 50–232)
12311. aeneolum (Lec.) 50–232 L.Sup.
12. pictum Horn 74–36 Or.

Uloporus Csy. 89–184
12313. ovalis Csy. 89–185 Tex. Fla.

Platydema Cast. & Brullé 31–350
(*Neomida* Mots. 73–476)
(*Histeropsis* Chev. 78–221)
(*Typhobia* Pasc. 69–279)
12314. excavatum (Say) 23–267 No.&C.Am. W.I. Conn.
fraternum Chev. 78–210 [Ind. Fla.
tuberculatum Cast.&Brll. 31–352
a. parvulum Csy. 84–50 L.I.
15. cyanescens Cast.&Brll. 31–356 Fla.
16. erythrocerum Cast.& Brll. 31–355 So.St. Fla.
17. ruficolle Cast. &Brll. 31–375 Ind.
sanguinicolle Melsh. 46–61
18. ruficorne Sturm 26–69 Conn.Fla.Ind.
anale Hald. 48–101
opaculum Csy. 84–51 Pa.
?pallens Cast. & Brll. 31–377
rufiventre Cast. & Brll. 31–378
rufum Melsh. 46–61

Platydema Cast. & Brullé
12319. flavipes (Fab.) 01–567 Ind. Fla. N.J.
basale Hald. 48–101 [Mich.
20. subquadratum Mots. 73–477 No. & C.Am.
janus ‡ Horn 70–382 Fla. [So.Cal.
pernigrum Csy. 84–49 Ariz.
ventrale Chev. 77–186
21. ellipticum (Fab.) 98–49 Conn.Fla.Ind.
22. oregonense Lec. 57–51 So.Cal. Or. Ariz.
23. americanum Cast.&Brll. 31–358 Can. N.J.
24. lævipes Hald. 48–101 Fla. Ind.
25. crenatum Lec. 78–422 Fla.
26. micans Horn 70–383 S.C. Fla. Ind.
27. picilabrum Melsh. 46–62 Ind. Fla.
28. subcostatum Cast.&Brll. 31–362 Ind.Fla.Conn.
clypeatum Hald. 48–102
29. inquilinum Linell 01–183 Ariz.
— cyaneum Cast.&Brll. 31–392
— flavicorne Mots. 73–429 La.
— nigratum Mots. 73–478 Cal.
— nigritum Mots. 73–470 La.
— oblongulum Mots. 73–470 Fla.
— politum Cast.&Brll.31–361 Pa.
— 4-maculatum Cast.&Brll. 31–383 Pa.

Metaclisa Jacq. Duv. 61–296
(*Amarantha* Faust 75–249)
12330. marginalis Horn 70–369 Cal. So.Cal.

Liodema Horn 70–385
12331. laeve (Hald.) 48–101 No. & C.Am.

Alphitophagus Steph. 32–12
(*Phyletes* Redt. 45–128)
(*Phylethus* Redt. 49–589)
12332. bifasciatus (Say) 23–268 †Eur.& N.Am. Ind. So.Cal.
pictus Men. 32–203 Atl.-Pac.
populi Redt. 49–589
4-pustulatus Steph. 32–12

Pentaphyllus Latr. 29–30
12333. pallidus Lec. 66–126 Can. Pa. Ind.
34. californicus Horn 70–387 Cal.
— americanus Mots. 93–482 Ga.

Apsida Lacord. 59–309
(*Hapsida* auct.)
12335. purpureo-micans Bates 73–16 Tex.

ULOMINÆ

Gnathocerus Thunb. 14–47
(*Cerandria* Luc. 49–344)
(*Uloma* Steph. 32–10)
12336. cornutus (Fab.) 98–51 †Cosmop. Fla.
cucullatus Montr. 60–294 Alas. La.
lævisculus (Steph.) 32–10 [So.Cal.
maxillaris (Beauv.) 05–125
ruber Thunb. 14–47
(*Echocerus* Horn 70–366)
37. curvicornis Champ.92–533 Mex. Fla.

Gnathocerus Thunb.
recurvatus Chitt. 95–80 Fla.
(*Sicinus* Champ. 86–146) [1]
12337½. guatemalensis Champ. 86–147 Mex.
dentiger Chitt. 95–79 Pa.Ill.Fla.Tex.
38. maxillosus (Fab.) 01–155 †Cosmop. Fla. Alas.O.So.Cal. Mich. Wis.

† Introduced.
[1] Synonymy based on mss. notes on galley proof by Mr. Schwarz.

Cynæus Lec. 66–233
12339. angustus (Lec.) 51–149 Ariz. Cal. So.Cal.
40. depressus Horn 70–369 Ariz. Cal. So.Cal.

Latheticus Waterh. 80–147
12341. oryzæ Waterh. 80–149 Cosmop.
12341½. prosopis Chitt. 04–167 Ariz.

Lyphia Muls. & Rey 59–166
12342. tetraphylla (Fairm.) 56–534 Cosmop.D.C.
ficicola Muls. & Rey 59–166
rugosus [1] (Dury) 02–171 Ohio

Tribolium MacL. 25–47
12343. ferrugineum (Fab.)87–212 †Cosmop. Fla. Ind.
bifoveolatum (Duft.) 12–304 Alas. So.Cal.
castaneum(Hbst.)97–282 [Ariz.
navale (Hbst.) 92–138
rubens Cast. 40–220
testaceum (Fab.) 98–179
41. madens (Charp.) 25–218 †Eur. Can. N.Mex. Pa. Mich.
45. confusum Jacq. Duv. 68–181 †Eur.& Ariz.
ferrugineum ‡ Muls. 54–244 Pa.Kan. So.Cal.D.C. Ind.

Dicœdus Lec. 66–238
12346. punctatus Lec. 66–131 Conn.Ind.Fla.

Phthora Muls. 54–228
(*Clamoris* Gozis 86–25)
12347. americana Horn 74–35 Or.

Palorus Muls. 54–250
(*Cœnocorse* Thoms. 59–117)
(*Circomus* Fleisch. 00–236)
12348. depressus (Fab.) 90–0 †Cosmop. Pa. Conn. D.C.
melinus Hbst.? 84–37 [Kan. Eur.
49. ratzeburgi Wissm. 48–77 †Eur. & Mich. D.C. Fla. Ind.

Mycotrogus Horn 70–367
12350. angustus Horn 70–368 Ariz.
51. piceus Horn 70–367 Cal.

Tharsus Lec. 66–233
12352. seditiosus Lec. 66–122 So. St. Fla.

Uloma Cast. 40–219
12353. impressa Melsh. 46–64 E.U.S. Ind. Conn.
54. imberbis Lec. 66–123 E.U.S. Ind. Fla.
55. mentalis Horn 70–371 Kan.Tex.Fla.
56. longula Lec. 61–353 Cal. So.Cal.
57. punctulata Lec. 66–124 Tex. Fla. La.
— gagatina Muls. 56–161 [Ind.

Aphanotus Lec. 66–233
12358. brevicornis (Lec.) 59–78 Cal. So.Cal.

Aphanotus Lec.
12359. parallelus Csy. 90–483 Ariz. Mex.

Alphitobius Steph. 32–11
(*Cryptops* Sol. 51–235)
(*Heterophaga* Redt. 45–127)
12360. diaperinus (Panz.) 97–37 †Conn.Ind.Pa. O.Ariz. Fla. Cosmop. Alas.
mauritanicus (Curt.) 31–333 [So.Cal.
opatroides Brll. 38–70
61. piceus (Oliv.) 92–50 †Cosmop. Fla. Conn. Alas. So.Cal. Pa.La.
fagi (Curt.) 31–303 [Ariz.
?oryzæ (Hbst.) 99–18
picipes Steph. 32–11
granivorus Muls. & God. 68–288
striatulus Fairm. 69–231
ovatus Hbst.? (10619) 99–16

Eutochia Lec. 62–238
(*Aniara* || Lacord. 59–336)
(*Aniarus* G. & H. 70–1964)
(*Cenoscelis* Woll. 67–179)
(*Delopygus* Lec. 66–129)
(*Holaniara* Fairm. 71–43)
12362. picea (Melsh.) 46–64 E.U.S.
63. crenata Lec. 66–130 Tex.

Merotemnus Horn 70–367
12364. filiformis (Cast.) 40–221 Cal.
elongatus Horn 70–367 So.Cal.

Sitophagus Muls. 54–264
(*Adelina* Woll. 58–413)
12365. hololeptoides(Cast.)40–220C.Am. Tex.
castaneus Reitt. 77–9 Eur.
farinarius Woll. 58–414
solieri Muls. 54–265

Doliema Pasc. 60–50
(*Adelina* || Lec. 51–149)
(*Sitophagus* ‡ Horn 70–346)
(*Schedarosus* Reit. 76–42)
12366. pallida (Say) 23–271 No.C.& So. Am. Ind. Fla.
cucujiformis (Reit.) 76–43
67. plana (Fab.) 01–94 No.C.& So. Am. Ind. Fla.
depressa (Er.) 47–119 [So.Cal.
lecontei (Horn) 70–346 Ariz.
seidarius (Reit.) 76–44
68. bidens Schffr. 15–238 Fla.

Doliopines Horn 94–427
12369. cucujinus Horn 94–428 L.Cal.

Ulosonia Cast. 40–220
12370. marginata Lec. 51–149 Cal.So.Cal.
71. tricornis Cast. 40–220 Tex. [Ariz.

Hypophlœus Fab. 90–24
(*Corticeus* ‡ Cr. 70–46)
(*Paraphloeus* Seidl. 94–553)
12372. substriatus Lec. 78–423 Or. So.Cal.
73. cavus Lec. 66–129 Ky. [Ariz.
74. parallelus Melsh. 46–63 Can.-Ariz.Ind.

[1] Synonymy based on mss. notes on galley proof by Mr. Schwarz.
† Introduced.

Hypophlœus Fab.
12375. glaber Lec. 78–422 Fla.
76. tenuis Lec. 78–424 Mass.
77. thoracicus Melsh. 46–63 Can.-Ga.Fla. Ind.

Hypophlœus Fab.
12378. piliger Lec. 78–422 Fla.
79. opaculus Lec. 78–423 So.Cal.
— ?mexicanus Reit. 77–191 Fla.

TENEBRIONINÆ

Gebien 10, 11

Polypleurus Esch. 31–11
12380. geminatus Sol. 38–196 Atl. St. Fla.?
81. perforatus (Germ.) 24–148 Atl. St. Fla.
punctatus Sol. 38–197
82. nitidus Lec. 66–118 Fla.

Rhinandrus Lec. 66–119
(*Excrestus* Bates 70–268)
(*Proderops* Fairm. 73–393)
12383. gracilis Lec. 66–120 L.Cal.
84. sublævis Horn 85–160 Ariz.

Zophobas Blanch. 45–15
12385. morio (Fab.) 76–241 C.& So.Am.
concolor Woll. 70–33 [Fla.
elongatus (Beauv.) 05–164
nigritus (Oliv.) 95–57

Scotobates Horn 75–151
12386. calcaratus (Fab.) 98–52 E.U.S.
?acneus (DeG.) 75–53 [Conn. Ind.
carolinensis (Beauv.) 05–162
cribratus (Chev.) 52–637
reflexus (Say) 25–203
87. opacus (Lec.) 59–15 Kan.

Centronopus Sol. 48–154
(*Scotobaenus* Lec. 59–87)
12388. parallelus (Lec.) 59–88 Cal.

Merinus Lec. 66–230
12389. lævis (Oliv.) 95–57 E.U.S. Ind.

Xylopinus Lec. 66–230
(*Tænobates* Mots. 72–25)
12390. saperdioides (Oliv.) 95–571 E.U.S. Fla.
anthracinus (Knoch) 01–169 [Conn. Ind.
calcaratus (Beauv.) 05–3
spinipes (Fab.) 98–53
a. rufipes (Say) 25–203 Fla.
91. aenescens Lec. 66–120 E.U.S. Conn. [Ind.

Haplandrus Lec. 66–230
12392. fulvipes (Hbst.) 97–238 E.U.S. Conn.
femoratus (Fab.) 98–53 [Ind.
93. ater Lec. 66–127 So.St.Fla.
94. concolor Lec. 66–121 Can.

Cibdelis Mann. 43–284
12395. blaschkei Mann. 43–284 Cal. So.Cal.
96. gibbosa Mots. 45–365
laevigata Csy. 91–60 So.Cal.
97. bachei Lec. 61–353 Cal. So.Cal.

Cœlocnemis Mann. 43–280
12398. dilaticollis Mann. 43–282 Cal. So.Cal.
californica Mann. 43–282
99. rugosa Linell 01–181 So.Cal.
12400. obesa Lec. 51–150 Cal. So.Cal.

Cœlocnemis Mann.
12401. magna Lec. 51–150 Cal. Ariz.
02. punctata Lec. 55–255 Utah, Ariz.
03. sulcata Csy. 95–615 Utah

Iphthimus Truqui 57–92
12404. serratus (Mann.) 43–284 Cal.
servator Walk. 66–327 Vanc.
servilis Walk. 66–326 Vanc.
subligatus Walk. 66–327 Vanc.
a. sublævis Bland 65–382 Colo. So.Cal. Ariz.
b. lewisi Horn 70–335 N.Mex.
c. lævissimus Csy. 90–408 Cal.
05. opacus Lec. 66–121 Can. Conn.
06. zopheroides Horn 74–34 N.Mex.

Alobates Mots. 72–25
(*Nyctobates* ‡Horn 70–331
nec Guér. 34–33)
12407. pennsylvanica(DeG.)75–52 U.S. & No. Mex.Fla.Conn, Ind.
chrysops (Hbst.) 97–236
inermis (Mann.) 43–284
sublævis (Beauv.) 05–163
08. barbata (Knoch) 01–166 So.St.Fla.Ind.
?glabra (Hbst.) 99–32
intermedia (Hald.) 52–376
pennsylvanica ‡ (Kby.) 37–234
09. subnitens (Horn) 74–35 Ariz.

Glyptotus Lec. 58–75
12410. cribratus Lec. 58–75 Tex. Fla.
?variolosus (Beauv.) 05–164

Upis Fab. 92–515
12411. ceramboides (L.) 58–388 No.Eur. Asia Am. Nfld.
reticulata Say 24–279 H.B.T.
variolosa (DeG.) 75–32 N.S.Pa.Me.Vt. N.H. N.Y. Mich. Wis. Man. Mont.

Idiobates Csy. 90–62
12412. castaneus (Knoch) 01–171 E.U.S. Ind.
interstitialis (Say) 23–266

Tenebrio L. 58–417
(*Menedrio* Mots. 72–27)
(*Neatus* Lec. 62–233)
(*Tenebrionellus* Cr. 73–105)
12413. obscurus Fab. 92–111 †Cosmop. Ct. Atl. to Ind. So.Cal.
14. molitor L. 58–417 †Cosmop. Alas.-Mex.
15. picipes Hbst. 97–245 Cosmop. Ind.
badius Say 23–265

† Introduced.

Tenebrio L.
laticollis Steph. 32–8
loripes Sturm 07–223
tenebroides Beauv. 05–121 So.Cal. Nfld.
transversalis Duft. 12–300 [Fla.
ventralis Mars. 76–123
— ?rufinasus Say 35–187 N.Am.
— longipennis Mots. 72–37 N.Am.

Rhacius Champ. 85–120
12416. sulcatulus Champ. 85–121 Mex. Tex.

Alaephus Horn 70–346
12417. gracilis Fall 05–276 Ariz.
18. macilentus Csy. 92–61 Ariz. N.Mex.
nitidipennis Fall 05–275

Alaephus Horn
12419. pallidus Horn 70–346 Cal. So.Cal.
20. puberulus Fall 07–175 Utah [Ariz.

Eupsophulus Ckll. 06–242
(*Eupsophus* || Horn 70–347)
12421. castaneus Horn 70–347 Cal. So.Cal. [Ariz.

Biomorphus Mots. 72–38
12422. tuberculatus Mots. 72–40 Cal.

Boros Hbst. 97–318
12423. unicolor Say 27–238 No.St. & Can. Ind.

Bius Muls. 51–266
12424. estriatus Lec. 51–149 Cal. So.Cal.

HETEROTARSINÆ

Anædus Blanch. 45–35
12425. brunneus (Ziegl.) 44–45 E.U.S.Fla.
26. rotundicollis Lec. 51–150 Ariz. [Ind.
27. texanus Linell 01–182 Tex.
28. pallidus Schffr. 15–238 Tex.
30. longicornis Champ. 86–235 Tex.
*

Prateus Lec. 66–238
12431. fusculus Lec. 66–131 N.Y. Fla.

Paratenetus Spin. 44–116
(*Storthephora* Mäkl. 75–635)
12432. punctatus Spin. 44–118 No.&C.Am.
?punctatus Mots. 68–192 [Fla.
33. fuscus Lec. 50–223 L.Sup. Ind.
34. crinitus Fall 07–253 N.Mex.
— cribratus Mots. 68–193 Ga.
— gibbipennis Mots. 68–193 Ga. Ind.

APOCRYPHINÆ

Apocrypha Esch. 31–13
(*Compsomorphus* Sol. 51–208)
12435. anthicoides Esch. 31–13 Cal. So.Cal.

Apocrypha Esch.
12436. dyschirioides Lec. 51–137 Cal. So.Cal.
37. elivinoides Horn 70–391 Cal. So.Cal.

ADELIINÆ

(*Amphidorinæ* Lec.) (*Laninæ* Seidl.)

Cratidus Lec. 62–239
12438. osculans Lec. 51–136 Cal. So.Cal.
39. fuscopilosus Csy. 90–407 So.Cal.
40. rotundicollis Horn 70–328 L.Cal.

Amphidora Esch. 29–9
12441. littoralis Esch. 31–13 Cal. So.Cal.

Amphidora Esch.
12442. nigropilosa Lec. 51–136 Cal. So.Cal.
43. tenebrosa Horn 70–329 L.Cal.
44. caudata Horn 70–330 Ariz.

Stenotrichus Lec. 62–239
12445. rufipes Lec. 51–136 Cal. So.Cal.

HELOPINÆ

Tarpela Bates 70–272
(*Lamperos* All. 76–4)
12446. micans (Fab.) 98–51 E.U.S. Ind. Conn.
47. undulata (Lec.) 66–132 Pa. Ind. Fla.
?americana (Beauv.) 05–122
48. venusta (Say) 24–283 Va. Ga. Mo.

Nautes Pasc. 66–475
12449. viridimicans Horn 78–57 Fla.

Helops Fab. 75–257
12450. impolitus Lec. 66–132 Tex. Fla.?
51. opaens Lec. 59–284 Cal. Nev. Ut.
52. punctipennis Lec. 66–133 So.Cal.-Wash.
punctatus Gemm. 70–123
53. rugulosus Lec. 51–151 Cal.
54. angustus Lec. 59–77 So.Cal.
55. gracilis Bland 63–319 N.J.
56. californicus Mann. 43–287 So.Cal.-Wash.

Helops Fab.
12457. edwardsi Horn 70–395 Or. So.Cal.
58. pernitens Lec. 61–353 Or.
59. lætus Lec. 57–50 Or.
60. rugicollis Lec. 66–133 Cal. So.Cal.
61. strigicollis Horn 85–161 Cal. So.Cal.
62. attenuatus Lec. 51–137 Cal. So.Cal.
63. callosus Csy. 90–489 N.Mex.
64. bachei Lec. 61–353 Cal. So.Cal.
65. blaisdelli Csy. 91–56 Cal. So.Cal.
66. discipula Csy. 91–67 Cal. So.Cal.
67. guadalupensis Csy. 90–488 Guadalupe
68. convexulus Lec. 61–353 Colo. Neb.
a. montanus Lec. 80–518 Colo. [Mont.
69. aereus Germ. 24–160 E.U.S. Ind.
aratus Say 27–241 [Conn.
pullus Say 27–240
70. sulcipennis Lec. 66–133 Ga.
71. perforatus Horn 80–153 Tex.
72. arizonensis Horn 74–36 Ariz.

* The number 12429 omitted.

Helops Fab.
12473. difficilis Horn 78–57 Colo.
74. cylindriformis Csy. 91–68 N.Mex.
75. discretus Lec. 66–134 Tex.
76. cisteloides Germ. 24–159 So.St.Fla.La.
77. spretus Horn 80–153 Nev. [Mo.Ark.
78. farctus Lec. 58–74 Tex.
79. tumescens Lec. 66–134 Cal. Ariz.
80. pinguis Horn 94–430 L.Cal.
81. stenotrichoides Blais. 95–238 Cal.

Helops Fab.
— seriatus All. 77–97 Cal.
— virescens Cast. 40–235 N.Am.
— politus Say 27–240 N.Am.
— tristis Beauv. 05–138 S.C.

Rues Csy. 91–66
12482. ovipennis (Csy.) 90–487 Cal. So.Cal.

TALANINÆ

Talanus Mäkl. 78–96
(*Dignamptus* Lec. 78–421)
12483. langurinus Lec. 78–421 Fla.
stenochinus Lec. 78–421 Fla.

Talanus Mäkl.
12484. okeechobensis Blatch. 14–143 Fla.

MERACANTHINÆ

Meracantha Kby. 37–237
(*Falacer* Cast. 40–233)
12485. contracta (Beauv.) 05–121 U.S. Can. Tex.
canadensis Kby. 37–238 [Conn. Ind.
cuprea Cast. 40–233

Meracantha Kby.
inflata Sol. 48–167
tumida Melsh. 46–61
?rugosa Cast. 40–233 N.Am.

AMARYGMINÆ

Pyanisia Cast. 40–235
(*Cymathotes* Blanch. 45–33)
(*Cymatothes* Sol. 48–151)
12486. opaca Sol. 48–180 Mex.Tex.Fla.
coarctata Sol. 48–180 [La.

Pyanisia Cast.
12487. tristis Cast. 40–236 C.Am. Cuba Tex.
unicolor Sol. 48–180

STRONGYLIINÆ

Strongylium Kby. 18–417
(*Anomœarthrum* Mäkl. 64–374)
(*Dolichopterum* Murray 62–4)
(*Eustrongylium* Kolbe 94–366)
(*Stenochia* Kby. 18–423)
(*Zurcheria* Reit. 08–134)
12488. tenuiolle Say 27–241 Ind. Conn.L.I.
89. terminatum Say 23–267 Ind. [N.J.

Strongylium Kby.
12490. anthrax Sz. 78–369 Fla.
91. simplicicolle Lec. 78–424 Fla.
92. crenatum Mäkl. 64–199 "N.Am." Fla.
93. atrum Champ. 87–360 Mex. Ariz.
94. varians Champ. 88–365 Tex.
95. aulicum Mäkl. 64–255 Tex. Mex.

LAGRIIDÆ

Borchmann 10; Leng 14, 17

LAGRIINI

Arthromacra Kby. 37–239
12496. robinsoni Leng 14–285 Va.
97. ænea (Say) 24–287 Can.-Minn.-
?donacioides Kby. 37–239 Can. [Mo. Ind.
a. glabricollis Blatch. 10–1285 Ind.

Arthromacra Kby.
b. rugosecollis Leng 14–287 Ga.
12498. appalachiana Leng 17–18 Va. N.C.
99. pilosella Leng 17–18 Tenn. Ky.

STATIRINI

Schaeffer 05

Statira Serv. 25–479
12500. basalis Horn 88–31 So.U.S. Fla.
01. croceicollis Mäkl. 63–594 So.U.S. Fla.
02. gagatina Melsh. 46–311 No.U.S. Fla.
03. opacicollis Horn 88–30 Ariz. [Ind.
04. resplendens Melsh. 46–311 Pa. Ind.
05. robusta Schffr. 05–180 Tex.
06. subnitida Lec. 66–141 L.Cal.

Statira Serv.
12507. colorata Fall 09–165 L.Cal.
08. pluripunctata Horn 88–29 Ariz.
09. simulans Schffr. 05–180 Tex.
10. huachucæ Schffr. 05–176 Ariz.
11. defecta Schffr. 05–175 Ariz.
12. pulchella Mäkl. 63–589 Mex. Tex.

MONOMMIDÆ

Thomson 60

Hyporhagus Thom. 60–25
12513. punctulatus Thom. 60–32 N.Am. Fla.
14. opaculus Lec. 66–142 L.Cal.
15. opuntiæ Horn 72–149 Ariz.
16. gilensis Horn 72–149 Ariz. So.Cal.
17. texanus Linell 99–184 Tex.

Hyporhagus Thom.
— lecontei Thom. 60–31 Cal.?

Aspathines Champ. 88–475
12518. ovatus Champ. 88–476 So. Fla.

MELANDRYIDÆ [1]

Leconte 62; Horn 88; Blatchley 10

TETRATOMINI

Casey 00–166

Tetratoma Fab. 90–19
12519. truncorum Lec. 66–145 No.Atl.Rgn.
20. concolor Lec. 79–518 Colo. [Ind.

Abstrulia Casey 00–168
12521. tessellata (Melsh.) 44–144 N.Y. Ind. Va.
a. maculata Casey 00–169 Ind.
22. variegata Casey 00–169 Penn.

Incolia Casey 00–169
12523. longipennis Casey 00–169 Ind.

Eupisenus Casey 00–170
12524. elongatus (Lec.) 75–171 Alas.&so'thw'd

Pisenus Casey 00–171
(*Triphyllus* ‡ auct. nec Latr.)
12525. humeralis (Kby.) 37–112 Pa.No.Ill.Ind.
a. concolor (Kby.) 37–112 H.B.T.Lat.54°
ruficornis (Lec.) 63–72
26. pubescens Casey 00–172 Va.

PENTHINI

Penthe Newn. 38–373
12527. obliquata (Fab.) 01–162 Bor.Am.Conn. Ind. Ga.

Penthe Newn.
12528. pimelia (Fab.) 01–40 Bor.Am.Conn. Ind. Fla. Tex.

SYNCHROINI

Synchroa Newn. 38–378
12529. punctata Newn. 38–378 N.Y. Conn.
umbrina Melsh. 46–55 [Fla.Ind.
murina Hald. 48–99

MALLODRYINI

Mallodrya Horn 88–42
12530. subaenea Horn 88–42 Ohio

ORCHESIINI

Horn 88

Eustrophinus Seidl. 98–440
12531. bicolor (Fab.) 98–497 Can. to Fla. Pac.CoastInd.
indistinctus (Lec.) 51–151 Col. [Ariz.
32. brunneimarginatus (Dury) 06–254 Ky. Tex.
33. arizonensis Horn 88–34 Ariz. N.Mex.
34. confinis Lec. 66–152 Can.Wis.Neb. Id. Fla.

Eustrophus Ill. 07–335
12535. tomentosus Say 27–239 N.Eng. N.J. Mich. Wis.
niger Melsh. 46–58 [Dak.Ia.Ind.

Synstrophus Seidl. 98–442
12536. repandus (Horn) 88–37 Can. N.H. Va. Ohio, Id. Pac. Coast, Ind.

Holostrophus Horn 88–36
12537. bifasciatus (Say) 24–282 Mass. to Va.&
4-maculatus Melsh. 46–58 [Tenn. Ind.

Holostrophus Horn
12538. impressicollis (Lec.) 74–69 Nev. Wash.
39. discolor Horn 88–37 Va. [Vanc.

Hallomenus Panz. 94–17
12540. scapularis Melsh. 46–57 Ga. N.Mex.
ruficornis (Melsh.) 46–59 [Ind.
luridus Hald. 48–99
41. punctulatus Lec. 66–152 Que. Ont.
basalis Mann. 53–267 Alas. B.C.
42. serricornis Lec. 78–619 Mich.
43. debilis Lec. 66–152 Ind.
niger Hald. 48–99 Upper Miss.
44. binotatus Quens. 90–14 Montreal,Eur.

Orchesia Latr. 07–194
12545. ornata Horn 88–38 Wash. Ore.
46. castanea Melsh. 46–51 Fla Mass. to Mich. & Va. Nfld. Ind.
47. gracilis Melsh. 46–51 Me. N.J.Pa. to La. Ind.

[1] Prepared by Mr. Lewis B. Woodruff.

Microscapha Lec. 66–152
12548. clavicornis Lec. 66–153 Ga. Ill.

Lederia Reit. 79–478
(*Crioscapha* Horn 93–144)
12549. arctica (Horn) 93–144 Alas.Queen Charl. Is.

MELANDRYINI

Leconte 66

Prothalpia Lec. 62–252
(*Marolia* ‡ auct. nec Muls.)
12550. undata Lec. 62–252 La.
51. holmbergi (Mann.) 52–347 Sitka, Alas.
fulminans (Lec.) 59–284 Or. [Wash. Or.

Melandrya Fab. 01–163
12552. striata Say 24–286 E.U.S. Conn. [Ind.
thoracica Melsh. 46–55
bicolor Melsh. 46–55
umbrina Melsh. 46–55
excavata Hald. 48–97

Emmesa Newn. 38–376
12553. labiata (Say) 24–287 N.Y. Conn. Ind.
54. connectens Newn. 38–376 N.Y. Nfld.
maculata Lec. 50–232

Phryganophilus Sahl. 34–454n.
12555. collaris Lec. 59–88 Or. Wash.
?depressus (Fab. 92–112)

Amblyctis Lec. 79–3
12556. praeses Lec. 79–4 "Near Buffalo" N. Y.

Xylita Payk. 98–249
12557. laevigata (Hellw.) 86–318 Holarctic, Me. to L. Sup. O.
buprestoides Payk. 98–249 Eur. Sib.
discolor (Fabr.) 98–121
decolorata (Rand.) 38–22 Mts. of Me.

Zilora Muls. 56–84
12558. hispida Lec. 66–148 N.H.
59. nuda Prov. 77–321 Que.
60. canadensis Hausen 90–91 Montreal, N.Y.

Rushia Forel 93–153
(*Carebara* || Lec. 62–251)
12561. longula (Lec.) 62–251 M.States, Fla.
62. brevicollis (Fall) 07–253 N.Mex.
63. californica (Fall) 07–254 Cal. [(Ariz.?)
californica(Schffr.)17–357 Cal.

Spilotus Lec. 62–251
12564. quadripustulatus (Melsh.) 46–57 N.Y. Ind.

Scotochroa Lec. 74–275
12565. atra Lec. 74–274 White Mts.
buprestoides(Kby.)37–240 Can. [N.H.

Scotochroa Lec.
12566. basalis Lec. 74–275 Colo.Mich. Or. Nfld.

Enchodes Lec. 66–148
12567. sericea (Hald.) 48–98 Me.N.Y. Pa. Ind.

Serropalpus Hellen. 86–311
12568. barbatus (Schall.) 83–322 Holarctic, Nfld.
substriatus Hald. 48–98 Me.L.Sup. Alas.
obsoletus Hald. 48–98 Or.L.Sup. Colo.W.Va.
?striatus Hellen. 86–318 Eur.

Mystaxus Kugelann 92–493
12569. simulator Newn. 38–376 Can.Ohio,
trifasciatus (Melsh.) 46–56 [N.Y.

Dircæa Fab. 98–6
12570. quadrimaculata (Say) 24–283 Bor.Am.Can.-Va.Mo.Ind.
liturata (Lec.) 59–66
tibialis Say 24–282

Phlœotrya Steph. 32–35
12571. vaudoueri Muls. 56–79 Nov.Scot. to Cal.&N.Car.
fusca (Lec.) 78–619 Eur.

Hypulus Payk. 98–251
12572. prona (Lec.) 78–426 Fla.
73. concolor (Lec.) 66–149 Ohio,Pa.Conn.
74. riversii (Lec.) 84–29 Cal.

Abdera Steph. 32–37
12575. bicinctus (Horn) 88–40 Cal.

Microtonus Lec. 62–258
12576. sericans Lec. 62–259 N.Y. to Ga. Ind.

Symphora Lec. 66–150
12577. flavicollis(Hald.)48–100 Me.Conn. Ind. [N.Y.
78. rugosa (Hald.) 48–100 Me.N.Y.Md. Fla. Ind.

Anisoxya Muls. 56–45
12579. glaucula Lec. 66–150 Ont.N.Y.Pa. (Ariz.?)

SCRAPTIINI

Leconte 62

Allopoda Lec. 66–144
12580. lutea (Hald.) 48–100 N.Y.N.J.Md. Fla. Ind.
fuscosuturalis (Blatch.) 13–24 Fla.
81. arizonica Schff. 17–359 Ariz.
82. californica Schff. 17–359 Cal.

Scraptia Latr. 07–199
12583. sericea (Melsh.) 46–51 D.C. N.Y.Fla.
84. oculata Schff. 17–358 Ariz. [Ind.

Canifa Lec. 66–144
12585. plagiata (Melsh.) 46–56 N.Y. Fla. Ind.
americana (Hald.) 48–100

Canifa Lec.
12586. pusilla (Hald.) 48–100 N.Y.So.Car. Wis. Ind.
87. pallipennis Lec. 78–619 Mich. Ind.

Canifa Lec.
12588. pallipes (Melsh.) 46–56 Fla.Me.Vt. N.Y.So.Car.
hiimpressa (Hald.) 48–100 [L.Sup. Ind.

OSPHYINI

Seidlitz 98–644

Osphya Ill. 07–370
(*Nothus* Oliv. 11–384)
12589. varians (Lec.) 66–145 Tex. Ind.

Osphya Ill.
12590. luteus (Horn) 79–339 So. Eur. Cal.

MYCTERINI

Leconte 62; Horn 79

Lacconotus Lec. 62–254
12591. punctatus Lec. 62–255 Can.Mich.Pa. Ohio
92. pinicola Horn 79–338 Col.&Nev. So.Cal.

Mycterus Clairv. 98–125
12593. canescens Horn 79–336 Cal. Nev.
94. scaber Hald. 43–303 Atl. & So. St. Fla.

Mycterus Clairv.
12595. concolor Lec. 53–235 N.Mex.So. [Cal. Ariz.
flavipennis Horn 68–136
96. quadricollis Horn 74–142 Cal. N.Mex. So.Cal.

Polypria Chev. 74–330
12597. crux-rufa Chev. 74–330 Tex.(Mex. C.Am.)

STENOTRACHELINI

Seidlitz 98–676

Stenotrachelus Latr. 25–379
12598. aeneus (Fab.) 87–93 Rus. Am.
arctatus Say 24–283 Alas.Lab.N.H.
obscurus Mann. 52–347 H.B.T.
?rowillieri Mots. 45–84 Mack. R. 70° N. Lat.

Scotodes Esch. 18–454
(*Anelpistus* Horn 70–88)
12599. americanus (Horn) 70–88 Wh.Mts.N.H.

PTINIDÆ

Boieldieu 54; Leconte 65; Casey 98; Fall 05; Pic 12

GIBBIINI

Gibbium Scop. 77–505
(*Scotias* Czemp. 78–51)
12600. psylloides (Czemp.) 78–51 †Cosmop. Va.-L.Cal.
scotias (Fab.) 81–74 La.S.C. Eur.

Mezium Curt. 28–232
12601. americanum Lap. 35–297 †N.Y.Fla.Tex. Ind.
sulcatum ‡ Woll. 54–273 La. D.C. So.Eur.

PTININI

Sphæricus Woll. 54–263
(*Tipnus* Duv. 60–137)
12602. gibboides (Boield.) 56–669 †Cal. Eur.

Pitnus Gorh. 83–197
12603. pygmæus Gorh. 83–198 L.Cal.

Trigonogenius Sol. 49–464
12604. globulum Sol. 49–464 †Cal. Or.
farctus Lec. 66–100
05. aeneus Pic 00–258 Tex.

Niptus Boield. 56–662
12606. ventriculus Lec. 59–13 Tex.-So.Cal.
07. hololeucus Fald. 35–214 †Can. [Ariz.

Niptinus Fall 05–108
12608. ovipennis Fall 05–108 Tex.

Niptinus Fall.
12609. unilineatus (Pic) 00–252 Mex. Tex.

Ptinus L. 66–566
(*Ptinus* L. s. str.)
12610. villiger (Reit.) 83–311 Nfld. Can.-Wash.
11. bicinctus Sturm 37–57 Can. Mass.
12. brunneus Dufts. 25–65 †N.Y.-N.Mex. Ind.
13. fur L. 58–393 †Cosmop.Ind. Alas.Eur.Asia,
?humeralis Say 35–165 [Ariz. Greenl.
14. alternatus Fall 05–116 Cal.
15. cælebs Fall 05–116 Cal.
16. verticalis Lec. 59–76 Cal.So.Cal.
17. gandolphei Pic 04–233 Cal.

† Introduced.

Ptinus L.
12618. agnatus Fall 05–118 So.Cal.
19. cognatus Fall 05–118 Or. Cal.

(*Gynopterus* Muls. & Rey 68–69)
20. longivestis Fall 05–119 Ariz.
21. californicus Pic 00–89 Colo.-Vanc.
22. strangulatus Fall 05–120 Fla.
23. falli Pic 04–19 D.C.-Tex.
24. tumidus Fall 05–121 Tex.
25. bimaculatus Melsh. 46–308 N.Y.Fla. Kan.
frontalis Melsh. 46–308 ♂
a. rubroapicatus Pic 03–183 Tex.

Ptinus L.
12626. hystrix Fall 05–123 Tex.
27. eximius Fall 05–123 So.Cal.S.C.-
28. prolixus Fall 05–122 Tex. [Tex.?
29. quadrimaculatus Melsh. 46–308 Mass.-D.C.
30. texanus Pic 03–183 Tex. Ga.
31. interruptus Lec. 57–48 Cal. So.Cal.
32. concurrens Fall 05–125 N.Ill. Ark.
33. fallax Fall 05–125 So.Cal.-Or.
34. vegrandis Fall 05–125 So.Cal.-Ariz.
35. feminalis Fall 05–126 Ariz.
36. paulonotatus Pic 04–223 Tex.-L.Cal.

ANOBIIDÆ

ANOBIINÆ

Leconte 65; Fall 05

Hedobiini

Hedobia Latr. 29–482
12637. granosa Lec. 74–63 Cal. So.Cal.
38. angulata Fall 05–130 So.Cal.

Eucrada Lec. 62–202
12639. humeralis (Melsh.) 46–310 Can.-Ky.Ind.
40. robusta Van D. 18–6 B.C.

Dryophilini

Xestobium Mots. 45–35
(*Cnecus* Thoms. 59–88)
12641. rufovillosum (DeG.) 74–230 †N.Eng.-Ill.
tesselatum (Fab.) 92–236 Eur. [Ind.
squalidum Lec. 74–64
42. affine Lec. 74–63 Vanc.-Cal.

Utobium Fall 05–134
12643. elegans (Horn) 94–384 Nev.-Antic.

Microzogus Fall 05–135
12644. insolens Fall 05–135 Fla.

Ozognathus Lec. 62–205
(*Micranobium* Gorh. 83–202 pars)
12645. cornutus (Lec.) 59–87 Cal. So.Cal.
misellus Lec. 65–226 So.Cal.
46. dubius Fall 05–137 Ariz. Colo.?
47. floridanus Lec. 78–408 N.J. Fla. Tex.

Xarifa Fall 05–137
12648. insularis Fall 05–138 So.Cal. Is.

Ernobius Thoms. 59–88
(*Conophoribium* Chev. 61–391)
(*Liozoum* Muls. & Rey 63–92)
(*Philoxylon* Lec. 62–205)
12649. mollis (L.) 61–142 †Me.-Va.Fla. Eur.Sib.Mich.
convexifrons (Melsh.) 46–309 [La.

Ernobius Thoms.
12650. socialis Fall 05–142 Cal.
51. cupressi VanD. 18–6 Cal.
52. punctulatus (Lec.) 59–284 Cal.-Vanc.
debilis (Lec.) 65–225 So.Cal.
53. convergens Fall 05–143 Cal.
54. collaris Fall 05–144 So.Cal.
55. alutaceus (Lec.) 61–352 Cal.
56. crotchi Fall 05–144 Cal.
57. gracilis Lec. 79–516 Colo.
58. lacustris Fall 05–146 Mich. Dak.
59. fissuratus Fall 05–146 Ariz.
60. nigrans Fall 05–146 Cal. Ariz.
61. pallitarsis Fall 05–147 Cal.-Wash.
62. tristis Lec. 79–517 Colo.
63. montanus Fall 05–147 Cal.
64. filicornis Lec. 79–517 Mass.-Va.
65. granulatus Lec. 65–225 Mass.-Fla.
66. opicus Fall 05–149 Mass. Mich.
67. luteipennis Lec. 79–517 Mass. D.C. Mich.
68. tennicornis Lec. 65–225 Pa. Mass.
69. marginicollis (Lec.) 59–87 Cal.-Vanc.
70. gentilis Fall 05–151 Wash. B.C.
71. trapezoideus Fall 05–151 Cal. Utah

Paralobium Fall 05–152
12672. mundum Fall 05–153 Cal.

Anobiini

Actenobius Fall 05–155
12673. pleuralis (Csy.) 98–65 So.Cal.
74. macer (Csy.) 98–65 Cal.
75. saginatus (Csy.) 98–65 Cal.

Euceratocerus Lec. 74–65
12676. horni Lec. 74–65 Tex.

Xeranobium Fall 05–158
12677. laticeps Fall 05–158 Ariz.

Xeranobium Fall
12678. macrum Fall 05–159 So.Cal.
79. cinereum (Horn) 94–385 S.W.Tex.
80. desertum Fall 05–160 So.Cal.

Oligomerodes Fall 05–161
12681. occidentalis Fall 05–161 So.Cal.
82. catalinæ Fall 05–162 So.Cal. Is.

Oligomerus Redt. 58–563
12683. tenellus Fall 05–164 Ariz.

Oligomerus Redt.
12684. sericans (Melsh.) 46–309 Can.Minn.Va.
thoraciens Lec. 62–205 [Ind.
85. californicus Fall 05–165 Cal.
86. obtusus Lec. 62–228 Vt.D.C.Mich.
87. brevipilis Fall 05–166 N.J.-Mich.
88. alternans Lec. 62–228 N.J. Kan.

Sitodrepa Thoms. 63–166
(*?Stegobium* Mots. 60–154)
(*Artobium* Muls. & Rey 64–82)
12689. panicea (L.) 61–145 †Cosmop. Ind.
tenuistriatum(Say)25–173 Alas. [Lab.
obesum (Melsh.) 46–309 Eur. Sib. Fla. So.Cal.

Gastrallus Duv. 60–245
(*Gastragallus* ‡ Austin 80–31)
12690. marginipennis Lec. 79–517 Colo. Cal.

Ctenobium Lec. 65–229
12691. antennatum Lec. 65–230 Va.

Ptinodes Lec. 62–204
12692. setifer (Lec.) 58–73 So.Cal.

Trichodesma Lec. 62–204
12693. cristata (Csy.) 90–323 Cal.-Or.
94. klagesi Fall 05–173 D.C.-Ky. Conn.
95. gibbosa (Say) 25–171 Can. Fla. Ia.
96. beyeri Fall 05–174 L.Cal. [Ind.
97. texana Schffr. 03–263 Tex. Mex.
98. sellata Horn 94–386 L.Cal.
99. sordida Horn 94–387 Tex.
12700. pulchella Schffr. 03–264 Tex.

Nicobium Lec. 62–204
(*Neobium* Muls. & Rey 64–106)
12701. castaneum (Oliv.) 90–7 †La. Fla. Eur.
hirtum (Ill.) 07–19

Anobiopsis Fall 05–177
12702. sericans Fall 05–178 So.Cal.

Anobium Fab. 75–62
12703. punctatum DeG. 74–230

Anobium Fab.
striatum Oliv. 90–9 †Mass.N.J.Va.
pertinax Fab. 01–322
domesticum Muls. & Rey 64–76
pumilus (Lec.) 65–232
pumillo ‡ No. 5273 Henshaw

Hadrobregmus Thoms. 59–89
(*Hemicælus* Lec. 62–204)
(*Cacotemnus* Lec. 62–204)
12704. defectus Fall 05–182 Mass.
05. carinatus (Say) 23–187 Can.-N.C.-Ia.
errans (Melsh.) 46–309 [Ind.
06. linearis Lec. 62–232 H.B.T. Mich. Ind.
07. pusillus Fall 05–183 Can.-N.C.-
08. laticollis Fall 05–184 Cal. [Wis.
09. umbrosus Fall 05–184 L.Sup. N.Y. N.H.
10. gibbicollis (Lec.) 59–284 So.Cal.-Vanc.

Microbregma Seidl. 91–537
12711. emarginatum (Duft.)25–54 †Mass.-B.C.
fovcatum (Kby.) 37–190
a. granicollis Fall 05–185 Or. Cal.

Cœlostethus Lec. 62–204
(*Dendrobium* Muls. & Rey 64–78)
12712. notatus (Say) 25–172 Can.-N.C.Mo.
13. americanus Fall 05–187 Colo.-Wy.
14. quadrulus (Lec.) 59–87 Nev.-B.C.
15. alternatus Fall 05–188 Colo. N.Mex.
16. truncatus Fall 05–188 Nev.-Vanc.

Trypopitys Redt. 58–562
(*?Priobium* Mots. 45–35)
12717. sericeus (Say) 25–172 Vt. Fla.-Ia. Ariz. Ind.
18. punctatus Lec. 59–13 Colo. N.Mex. Ariz. So.Cal.

Colposternus Fall 05–190
12719. tenuilineatus (Horn) 94–389 Or. So.Cal.

XYLETININI

Vrilletta Lec. 74–64
12720. convexa Lec. 74–65 Cal. So.Cal.
21. murrayi Lec. 74–64 Cal.
22. blaisdelli Fall 05–194 So.Cal.
23. expansa Lec. 74–64 Cal. Wash.
24. decorata VanD. 18–7 Cal. Or.
25. laurentina Fall 05–195 Ont.
26. plumbea Fall 05–196 Cal. Wash.
(*Pseudoxyletinus* Pic 03–182)
27. fulvolineata Pic 03–182) N.Am.
28. nigra Pic 05–171 N.Am.

Euvrilletta Fall 05–196
12729. xyletinoides Fall 05–197 Cal.

Xyletomerus Fall 05–197
12730. histricus Fall 05–198 Cal.

Xyletinus Latr. 06–376
12731. distans Fall 05–200 So.Cal.
32. pallidus Lec. 65–237 L.Cal.

Xyletinus Latr.
12733. mucoreus Lec. 65–237 Fla.La.Tex.
34. peltatus (Harris) 37–75 Can.-Tex.Ind. Fla.
35. harrisi Fall 05–201 Can. Pa. Ky.
36. fucatus Lec. 65–238 N.Eng.-Cal.
37. pubescens Lec. 78–613 Tex. [Ind.
38. lugubris Lec. 78–612 Mass.Mich. Neb. Ind.
39. gracilipes Fall 05–203 Wy. [So.Cal.
40. flabellicornis Sturm 26–59 "N.Am."
— puberulus Boh. 59–86 Cal.?

Lasioderma Steph. 30–417
12741. dermestinum Lec. 65–238 L.Cal.
42. serricorne (Fab.) 75–241 †Cosmop. Ind.
testaceus (Duft.) 25–46 Eur. [Can.Fla.
?castaneum Melsh. 46–308
43. falli Pic 05–171 N.Y. Va.
bicolor ‖ Fall 05–205
44. semirufum Fall 05–205 N.J. D.C. O. Ind.

† Introduced.

Lasioderma Steph.
12745. hemiptychoidesFall05–205 N.J. Md.

Megorama Fall 05–206
12746. simplex (Lec.) 65–239 Ky.

Megorama Fall
12747. frontalis (Lec.) 78–410 So.Cal.
48. viduum Fall 05–207 Cal.
49. ingens Fall 05–208 So.Cal.

DORCATOMINI

Petalium Lec. 62–204
(*Rhadine* || Baudi 73–331)
(*Micranobium* Gorh. pars. 83–202)
12750. schwarzi Fall 05–214 Tex.
51. yuccæ Fall 05–215 Fla.
52. seriatum Fall 05–215 Mas.Fla.Tex.
53. californicum Fall 05–216 Cal. [Ind.
54. bistriatum (Say) 25–172 N.Eng.Fla. Tex. Ind.
a. arizonense Fall 05–217 Ariz. [So.Cal.
b. bicolor Fall 05–217 So.Fla.
c. debile Fall 05–217 Ga.Fla.Tex.
55. brunneum Horn 96–375 L.Cal.

Eupactus Lec. 65–235
(*Calymmaderus* ‡ auct.)
12756. nactus Fall 05–220 L.Cal.
57. advena Fall 05–220 Fla.
58. obsoletus Fall 05–220 O.Mo.La.Tex.
59. amœnus Fall 05–221 Ariz. [Ind.
60. mixtus Fall 05–221 L.Cal.
61. nitidus Lec. 65–236 Mass.Fla.Ariz.
62. canonicus Fall 05–222 L.Cal. [Ind.
63. similis Fall 05–222 Tex.
64. punctulatus Lec. 65–236 Fla.La.Tex.
viticola Sz. 78–365 Fla. [L.Cal.
— pudicus (Boh.) 59–86 Cal.?

Stagetus Woll. 61–12
(*Theca* || Muls. 60–293)
12765. profunda Lec. 65–235 Md.-Or.
striatopunctata Lec. 84–22 Cal.

Catorama Guér. 50–431
12766. tabaci Guér. 50–437 †Cuba, Fla.
(*Hemiptychus* Lec. 65–239)
67. punctulatum Lec. 78–409 Fla.
68. vitiosum Fall 05–234 Tex.
69. impressifrons Fall 05–234 Tex.
70. sectans Lec. 78–410 Tex.
71. mutans Fall 05–235 Ariz.L.Cal.
72. estriatum (Horn) 94–390 L.Cal. [Tex.
73. grande Fall 05–236 Tex. Ariz.
74. lentum Fall 05–236 Ariz.
75. conophilum Fall 05–236 N.Mex.
76. latum (Horn) 94–391 So.Cal.
obsoletus || Lec. 78–410
77. simplex Fall 05–237 Fla.
78. metasternale Fall 05–237 L.Cal.
79. inæquale Fall 05–237 Tex.
80. abbreviatum (Lec.) 78–408Fla.
81. gibbulum Fall 05–238 Ariz.-Cal.
82. carinatum Fall 05–239 Fla.
83. ventrale (Lec.) 65–240 Tex. La.
84. punctatum (Lec.) 65–240 Ind.La.Ga.O. Tex.Fla.Ariz.
85. densum Fall 05–240 D.C.
86. dichroum Fall 05–240 Mich.-La.Ind.
87. nigripenne Fall 05–240 N.Mex.
88. dispar Fall 05–241 Tex.
89. nigritulum (Lec.) 65–241 Mass.-Tex. Ind.

Catorama Guér.
12790. vestitum Fall 05–242 Cal. Ariz.
91. palliatum (Fall) 01–253 So.Cal.
92. placidum Fall 05–242 L.Cal.
93. debile (Lec.) 78–408 Fla.
94. posticum Fall 05–243 Tex.
95. tumidum Fall 05–243 Tex.N.Mex.
96. nubilum Fall 05–243 So.Cal.
97. longulum Fall 05–244 Ariz. N.Mex.
98. uniforme Fall 05–244 N.Mex.
99. fastigiatum Fall 05–244 Tex.
12800. otiosum Fall 05–245 L.Cal.
01. congruum Fall 05–245 Tex.
02. vexatum Fall 05–245 N.Y.-Tex.Ind.
03. robustum (Horn) 94–393 S.W.Tex.
04. grave (Lec.) 58–72 Ariz.Mass.-La.
05. porosum Fall 05–247 Fla.Tex. [Ind.
06. falli Pic 05–171
convexum || Fall 05–247 L.Cal. Ariz.
07. subpubescens Pic 04–103 Brazil, (U.S.?)
08. castaneum (Ham.) 93–307 Ind.Mass.Fla.
09. politum Fall 05–248 Fla. [Tex.
10. triviale Fall 05–248 Tex. Ariz.
11. conjunctum Fall 05–248 Cal.
12. boreale (Lec.) 65–240 L.Sup.
13. pusillum (Lec.) 58–72 Ariz. L.Cal.
14. consobrinum Fall 05–249 Ariz. N.Mex.
15. simile (Lec.) 78–408 Fla.
16. pingue Fall 05–250 Ariz.
17. vacuum Fall 05–250 Ariz. Tex.
18. cicatricosum Fall 05–251 Fla.
19. luteotectum (Fall) 01–253 So.Cal.
20. geminatum Fall 05–251 Cal.
21. gracile Fall 05–252 Ohio
22. mancum Fall 05–252 Cal.
23. validum Fall 05–252 Tex.
24. confusum Fall 05–252 O.-L.Cal.Ind.
25. angustum Fall 05–253 Kan.
26. parvum Fall 05–254 N.Ill.
27. turbidum Fall 05–254 Ga.
28. auctum (Lec.) 78–409 Fla.
29. indistinctum Fall 05–255 D.C.-Fla.
30. exiguum Fall 05–255 So.Cal.
31. obsoletum (Lec.) 65–240 L.Cal.

Cryptorama Fall 05–256
12832. oblongum Fall 05–256 L.Cal.
33. vorticale Fall 05–257 Fla. Tex.
a. minor Fall 05–257 Fla.
34. minutum (Lec.) 78–409 Fla.-Tex.
35. holosericeum(Lec.)78–409 Fla.-N.J.

Stichtoptychus Fall 05–258
12836. agonus Fall 05–258 Tex.

Protheca Lec. 65–241
12837. hispida Lec. 65–241 N.Y. Fla. Tex.
38. puberula Lec. 65–241 Mass.-Fla.Ind.

Dorcatoma Herbst 92–103
12839. dresdensis Hbst. 92–104 Eur.&No.U.S. Ind. Can.
pallicornis Lec. 74–274 N.H.

† Introduced.

MARINE BIOLOGICAL LABORATORY WOODS HOLE LIBRARY MASS.

Dorcatoma Herbst
12840. integer (Fall) 01–253 Cal.
41. setulosum Lec. 65–242 Can.-La.Ind.
— affinis Boh. 58–87

Byrrhodes Lec. 78–412
12842. setosus Lec. 78–413 Fla.

Eutylistus Fall 05–264
12843. intermedius (Lec.) 78–411 Mass.Fla.Ark. Ind.
44. incomptus (Lec.) 65–243 Mass.Ill.S.C.
45. tristriatus (Lec.) 78–411 Tex.-N.Y.Fla.
46. ulkei Fall 05–266 Cal.
47. levisternus Fall 05–266 Fla.
48. granus (Lec.) 78–411 Fla.
49. fallax Fall 05–267 Fla.
50. facilis Fall 05–268 Tex.

Cænocara Thoms. 59–90
(*Tylistus* Lec. 62–203)
(*Enneatoma* Muls. & Rey 63–367)
12851. frontalis Fall 05–271 Fla.
52. scymnoides Lec. 65–244 Mass. Nev.
53. similis (Say) 35–166 Mass.-N.C.
54. lateralis Lec. 78–411 Fla. N.C.
55. oculata (Say) 24–273 Ct. Fla. N. Eng.-Ariz.Ind.
56. blanchardi Fall 05–273 Mass. Mich.
57. californica Lec. 78–412 Cal.
occidens Csy. 85–330 Cal.
58. neomexicana Fall 05–274 N.Mex. Ariz.
59. bicolor (Germ.) 24–79 Mass.-Tex. Ind.
60. tennipalpa Fall 05–275 N.Eng.-Tex.
61. inepta Fall 05–276 N.J.Fla.Tenn.
62. ovalis Fall 05–276 Ariz. [Tex.
63. nigricornis Manee 15–176 N.C.

PTILININI

Casey 98

Ptilinus Geoffr. 62–64
12864. ruficornis Say 23–186 Nfld. N.Eng.-
?bicolor Melsh. 46–308 [Dak. Ind.
65. basalis Lec. 58–73 Cal. So.Cal.
flavipennis Csy. 98–63 So.Cal.
66. acuminatus Csy. 98–63 Cal.

Ptilinus Geoffr.
12867. lobatus Csy. 98–62 Mo.-N.Mex.
68. pruinosus Csy. 98–63 Ind. Ont.
69. ramicornis Csy. 98–63 Cal. So.Cal.
— thoracicus (Rand.) 38–25 Me.

BOSTRICHIDÆ

Horn 78; Lesne 95, 97, 99, 00, 06, 07, 09

ENDECATOMINI[1]

Endecatomus Mellié 47–108
(*Dictyalotus* Redt. 47–348)
12870. reticulatus (Hbst.) 93–70 †Eur. So.St. Ind.

Endecatomus Mellié
12871. rugosus (Rand.) 38–226 Atl.-Colo. Ind.
dorsalis Mellié 48–218

BOSTRICHINI

Horn 78; Casey 98; Lesne 95–09

Tetrapriocera Horn 78–544
12872. longicornis (Oliv.) 90–15 W.I. Fla.
tridens (Fab.) 92–364
schwarzi Horn 78–545

Scobicia Lesne 00–584
(*Sinoxylon* ‡ auct. nec Duft. 25–86)
(*Xylopertha* ‡ auct. nec Guér. 45–17)
12873. bidentata (Horn) 78–544 Neb.
74. declivis (Lec.) 57–48 So.Cal. Or.
75. suturalis (Horn) 78–544 Cal. So.Cal.
76. arizonica Lesne 07–244 Ariz.

Xylobiops Csy. 98–66
12877. basillare (Say) 23–321 Can.Tex.Ind.
78. texanum (Horn) 78–543 S.W.Tex [Fla.
79. sextuberculatum (Lec.) 58–73 So.Cal.Tex. Mex. Ariz.

Xylobiops Csy.
12880. floridanum (Horn) 85–155 Fla.
81. perilis Lesne 00–510 L.Cal. Mex.

Dendrobiella Csy. 98–66
(*?Xylopertha* Guér. 45–17)
12882. sericans (Lec.) 58–73 Tex.L.Cal. Mex. Ariz.
asperum (Lec.) 58–73 ♀ [So.Cal.
pubescens Csy. 98–67 Tex.
(*Xyloblaptus* Lesne 00–504)
83. quadrispinosa (Lec.) 66–100 Ariz. L.Cal.

Amphicerus Lec. 61–208
(*?Apate* Fab. 75–54)
(*Schistoceros* Lesne 98–502)
12884. consanguineus Lesne 98–513 N.Am.?

[1] While the check list was going through the press, Mr. Schwarz wrote "These are certainly not Bostrichids"; he also pointed out that the order of the genera of Bostrichini should be, to accord with Lesne's views: Dinoderus, Patea, Rhizopertha, Bostrichus, Amphicerus, Lichenophanes, Apatides, Mierapate, Tetrapriocera, Dendrobiella, Xylobiops, Scobicia.

† Introduced.

Amphicerus Lec.
12885. cornutus (Pallas) 72–18 So.Am.
punctipennis (Lec.) 58–73 Tex.L.Cal. Mex. Fla.
86. maritimus Csy. 98–68 Tex. [Ariz.
87. gracilis Csy. 98–69 Kan.Ia.N.C.
88. bicaudatus (Say) 23–320 Ind. Kan. Fla.
aspericollis (Germ.) 24–258 ♀
?hamatus (Fab.) 75–360 N.Am. Cuba
89. grandicollis Csy. 98–69 Tex.
90. brevicollis Csy. 98–70 Tex.
91. teres Horn 78–548 So.Cal.

Apatides Csy. 98–66
(*Bostrychopsis* Lesne 98–524)
12892. fortis (Lec.) 66–101 Ut.Ariz.
93. robustus Csy. 98–71 Tex. [So.Cal.
94. puncticeps Csy. 98–71 Ariz.
95. pollens Csy. 14–359 Ariz.

Lichenophanes Lesne 98–457
12896. spectabilis (Lesne) 95–173 (Cal.?)
97. lucanus (Web.) 01–91 N.Am.?
98. armiger (Lec.) 66–100 M.&W.St.Ind.
99. californicus (Horn) 78–456 Cal.So.Cal.
12900. truncaticollis (Lec.) 66–101 Can.U.S.Ind.
01. penicillatus Lesne 95–171 Mex. L.Cal.
fasciculatus (Fall) 09–162
verrucosus ‡ Gorh. 86–353

Bostrichus Geoff. 62–301
12902. bicornis (Web.) 01–91 Ct.Atl.So.St.
serricollis Germ. 24–464 [Fla. Ind.
03. angustus Csy. 98–72 N.J.
04. capucinus (L.) 61–142 †Eur. N.J.

Micrapate Csy. 98–72
(*Bostrychulus* Lesne 98–591)
12905. dinoderoides (Horn) 78–543 Ariz. Tex.
06. cristicauda Csy. 98–73 D.C. Fla.
07. simplex (Horn) 85–155 S.W.Tex. L.Cal.? Ariz.

Stephanopachys Waterh. 88–349
(*Dinoderus* ‡ auct. nec Steph.)
12908. substriatus (Payk.) 00–142 Colo. Can.Mich. Eur.Sib.Alas.
09. pacificus Csy. 98–74 So.Cal.Id. Colo.
10. sobrinus Csy. 98–74 So.Cal.Wy.
11. asperulus Csy. 98–74 N.Mex. [Ariz.
12. amplus Csy. 98–75 Ariz.
13. rugosus (Oliv.) 95–18 porcatus Lec. 66–101 Fla.Pa.N.C. Ind. Conn.
14. opacus Csy. 98–75 Va.
15. hispidulus Csy. 98–75 N.J.
16. densus Lec. 66–102 Mich.S.C.
17. parvulus Csy. 98–75 Pa.
18. cribratus Lec. 66–102 Ind. S.C.
(*Prostephanus* Lesne 97–319)
19. punctatus (Say) 25–258 N.Y.S.C.Ind.
20. truncatus Horn 78–550 Cal. [Conn.

Rhizopertha Steph. 30–354
12921. dominica (Fab.) 92–359 †Cosmop.
pusilla (Fab.) 98–156 Pa.Ariz.Can.

Dinoderus Steph. 30–354
(*Patea* Csy. 98–66)
12922. brevis (Horn) 78–550 La.
?minutus Fab. 75–54 Cosmop. Fla.

DINAPATINI

Dinapate Horn 86–1
12923. wrighti Horn 86–2 So.Cal.

PSOINI

Polycaon Lap. 36–30
(*Exopioides* Guér. 45–17)
(*Allæocnemis* Lec. 53–232)
12924. stouti (Lec.) 53–233 ♂ So.Cal.Or.
punctatus Lec. 66–102 ♂ L.Cal. [Ariz.
ovicollis Lec. 57–49 ♀
pubescens Lec. 66–102 ♀
(*Heterarthron* Guér. 44–186)
25. femoralis (Fab.) 92–361 C.Am. Tex.
gonagra (Fab.) 98–156
a. exesus Lec. 58–74 L.Cal.

Polycaon Lap.
12926. plicatus Lec. 74–65 ♂ Tex.
obliquus Lec. 74–66 ♀ Tex.
27. confertus Lec. 66–102 Cal. So.Cal.
incisa (Lec.) 68–64
28. megalops Fall 01–254 So.Cal.

Psoa Hbst. 97–214
(*Acrepis* Lec. 52–213)
12929. maculata (Lec.) 52–213 Cal.
30. quadrisignata (Horn) 68–135 Cal.

LYCTIDÆ

Kraus 11

LYCTINI

Lyctus Fab. 92–502
(*Xylotrogus* Steph. 30–116)
(*Trogoxylon* Lec. 61–209)
12931. impressus Com. 37–40 So.Eur. †Miss.
32. punctatus (Lec.) 66–104 L.Cal.

Lyctus Fab.
12933. californicus Csy. 91–14 So.& L.Cal. Ariz.
34. parallelopipedus (Melsh.) 44–112 E.& S.E.U.S.

† Introduced

Lyctus Fab.
12935. curtulus Csy. 91–15 S.W.U.S. [Fla.
36. politus Kraus 11–122 †D.C.
37. brunneus (Steph.) 39–116 (Cosmop. Pa.
parasitieus Steph. 29–94 [Ill.
glycyrrhizæ Chev. 29–191
rugulosus Montr. 61–266
carolinæ Csy. 91–13 S.C.
38. opaculus Lec. 66–103 E.U.S. Conn.
39. cavicollis Lec. 66–103 Cal.
40. planicollis Lec. 58–74 U.S. Fla So.
41. carbonarius Walt] 32–167 Mex.Fla. [Cal.
42. parvulus Csy. 84–175 Ariz.W.& S.W. U.S. So.Cal.
43. linearis (Goeze) 77–148 Cosmop. Ct.

Lyctus Fab.
oblongus (Oliv.) 90–18 Me.-Minn.
unipunctatus(Hbst.)83–40 [N.C.
canaliculatus Fab. 92–504
striatus Melsh. 44–112
pubescens Duft. 25–148
fuscus Seidl. 75–16
a. axillaris Melsh. 44–113 Pa.

Lyctoxylon Reitter 78–199
12944. japonicum Reit. 78–199 †Japan, N.J.

Minthea Pase. 63–97
(*Lyctopholis* Reit. 78–196)†
12945. stichothrix(Reit.)78–199 S.Am.& N.Y.

BERGINI

Berginus Er. 48–405
12946. pumilus Lec. 63–72 Pa. So.Cal.

Berginus Er.
nigricolor Champ. 13–117 Gnat. Mex. Panama,Tex.?

SPHINDIDÆ

Casey 98

Odontosphindus Lec. 78–601
12947. denticollis Lec. 78–601 Atl.St. Mich. Can.
48. clavicornis Csy. 98–92 Cal. So.Cal.

Sphindus Chev. 33–8
(*Coniophagus* Mink. 53–59)

Sphindus Chev.
12949. americanus Lec. 66–104 Conn. Atl.-Ia.
50. crassulus Csy. 98–93 Colo. [Ind.Fla.
51. trinifer Csy. 98–93 Can.

Eurysphindus Lec. 78–602
12952. hirtus Lec. 78–602 Mich.

CISIDÆ (*Cioidæ*)

Leach 19; Mellié 48; Casey 98; Kraus 08; Dalla Torre 11; Dury 17

CISINÆ

Dalla Torre 11

Cis Latr. 96–50
(*Entypus* Thoms. 63–193)
(*Eridaulus* Thoms. 63–191)
(*Hadraula* Thoms. 63–182)
12953. superbus Kraus 08–75 Cuba, Fla.
54. krausi Dalla Torre 11–13
bimaculatus || Kraus 08–76 Tex.-Fla.
55. duryi Leng 18–207
bicolor || Dury 17–7 Ga.
56. arizonæ Dury 17–5 Ariz.
57. lodingi Dury 17–6 Ala.
58. cornuta Blatch. 10–898 Ind. Ohio
59. huachucæ Dury 17–8 Ariz.
60. falli Blatch. 10–898 Ind. O. Ala.
61. serricollis Dury 17–9 Or.
62. confusus Blatch. 10–899 Ind. Ala.
63. hystricula Csy. 98–82 Cal.
64. cylindricus Dury 17–8 Or.
65. wenzeli Dury 17–8 Pa.
66. juliehi Dury 17–7 N.Y. City
67. floridæ Dury 17–9 Fla.
68. blatchleyi Dury 17–7 Fla.
69. frosti Dury 17–9 Mass.

Cis Latr.
12970. dunedinensis Leng 18–207
pusillus || Dury 17–10 Fla.
71. pallens Csy. 98–78 Mont.
72. fuscipes Mellié 48–271 Atl.-Ia. Tex.
carolinæ Csy. 98–78 N.C. [Ind.
?atripennis Mellié 48–258 N.Am. Mass.
chevrolati Mellié 48–249 La. Ind.
73. impressa Csy. 98–79 Vanc.-Cal.
74. pistoria Csy. 98–79 R.I. Mass.
75. strinlata Csy. 98–79 Colo.
76. fraterna Csy. 98–80 Utah
77. macilenta Csy. 98–80 Cal.
78. versicolor Csy. 98–80 Cal. So.Cal.
79. ereberrima Mellié 48–357 La. Pa. Tex. Ind.
80. mormonica Csy. 98–81 S.W.Utah
81. horridula Csy. 98–81 Pa.
82. vitula Mann. 43–299 Cal. So.Cal.
83. caseyi Dalla Torre 11–8 Cal.
illustris || Csy. 98–81
84. congesta Csy. 98–82 La.
85. duplex Csy. 98–82 Cal. So.Cal.
86. montana Csy. 98–82 Mont.

† Introduced.

Cis Latr.
12987. soror Csy. 98–83 Vanc.-No.Cal.
88. curtula Csy. 98–83 N.Y.
89. hirsuta Csy. 98–83 Fla.
90. ursulina Csy. 98–83 Ala. Ind.
— americanus Mann. 52–360 Alas.
— corticinus Gorh. 83–220 U.S.&Guat.
— dichrous Lec. mss. N.Am.
— dubius Mellié 48–273 La.
— ephippium Mann. 53–234 Alas.
— minutissimus Mell. 48–334 N.Am. Mass.
— obesus Mell. 48–335 N.Am.
— subtilis Mell. 48–353 N.Am.
— tetracentrum Gorh.86–357 N.Am. Mex.
— tristis Mell. 48–343 La.
— ustulatus Mell. 48–250 La.
— tridentatus Mann. 52–360 Alas.
— setulosus Mell. 48–257 N.Am.
— fagi Waltl 39–224 Alas.

Sphindocis Fall 17–170
12991. denticollis Fall 17–171 Cal.

Orthocis Csy. 98–84
12992. punctata (Mell.) 48–337 Mass.-Ga.Ind.
93. longula Dury 17–13 Pa. Fla.
94. aterrima Csy. 98–84 Cal.
95. huesanus Kraus 08–77 Fla.
96. pulcher Kraus 08–78 Fla.

Xestocis Csy. 98–85
12997. levetti Csy. 98–85 Nfld.Can.Pa. Fla.Ind.Ia.
98. davisi Dury 17–16 S.I.
99. miles Csy. 98–85 R.I.-Ala.
13000. singularis Dury 17–15 Ohio-Ala.
01. opalescens Csy. 98–86 Pa.O.Va.
02. moznetti Dury 17–16 Or.
*
04. biarmata Mann. 52–360 Alas.B.C.-Or.
bicarinatus ‡ Henshaw No. 5391
05. quadridentatus Dury 17–17 Mass.
06. insolens Csy. 98–86 Pa.
07. castlei Dury 17–17 Ohio

Strigocis Dury 17–19
13008. opacicollis Dury 17–19 O.N.J.Ala.

Brachycis Csy. 98–86
13009. brevicollis Csy. 98–87 N.Y.N.Ill.Ala.

Plesiocis Csy. 98–87
13010. cribrum Csy. 98–87 Cal.So.Cal.

Sulcacis Dury 17–20
13011. lengi Dury 17–21 Vt.Ohio, N.J.
12. niger Dury 17–21 So.Ill.Pa.

Diphyllocis Reit. 85–209
(*Maphoca* Csy. 00–165)
13013. blaisdelli Csy. 00–166 Cal.

Ennearthron Mellié 47–110 E.U.S.
(*Entypus* Redt. 47–350)
13014. transversatum Kraus 08–79 Va.Fla.Tex.
15. pallidum Kraus 08–79 Fla.
16. annulatum Kraus 08–80 Cuba, Fla.?
17. piceum Csy. 98–88 Tex. La.
18. thoracicorne Ziegl. 44–270 Can.-Fla.Ind.
mellyi Mell. 48–369 N.Am.
unicolor Csy. 84–37 L.I.
?thoracicus ‡ Dalla Torre 11–270
19. oblongus Blatch. 10–900 Ind.
20. laminifrons Csy. 98–89 La.
21. grossulum Csy. 98–89 So.Cal.
22. californicum Csy. 84–36 Cal.
23. discolor Csy. 98–89 Cal.
24. compactum Dury 17–22 Fla. Tex.
25. convergens Csy. 98–89 Cal. So.Cal.
26. oregonus Dury 17–23 Or.
27 coloradense Dury 17–23 Colo.N.Mex.
28. pullulum Csy. 98–90 Fla.Ala.
29. unicorne Csy. 98–90 Fla.
— hirtus Sturm 43–232 Am.Bor.
— verrucosus Sturm 43–232 Am.Bor.

Ceracis Mellié 48–375
13030. sallei Mell. 48–377 Can.-Tex.Ind.
31. schæfferi Dury 17–26 Tex.
32. similis Horn 94–391 L.Cal.
33. bifoveatus Dury 17–27 Ohio
34. punctulata Csy. 98–90 Fla. Ala.
35. minuta Dury 17–26 Fla.

OROPHIINÆ

Thoms. 63–195

Octotemnus Mellié 47–108
?*Orophius* Redt. 49–350
13036. denudatus Csy. 98–91 Vanc.-Cal.

Octotemnus Mellié
13037. lævis Csy. 98–91 R.I. Pa. Ind.
?pumicatus Mell. 48–333 La.

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* The number 13003 was accidentally omitted.

SCARABÆOIDEA

SCARABÆIDÆ

COPRINÆ

SCARABÆINI

Harold 59–74; Horn 70; Blanchard 85

Canthon Hffsg. 17–38

13038. nigricornis (Say) 23–207 Mass.-Fla. Tex.Kan.Ga.
a. punctaticollis Schffr. 15–50 Fla. [Ind.
39. ebenus (Say) 23–208 Me.-Tex.Kan. Ariz.
40. depressipennis Lec. 59–11 Ga. Fla.-Dak.
41. praticola Lec. 59–10 Kan.Neb.Ariz.
42. probus (Germ.) 24–98 Ga.Ky.-Fla.
abrasus Lec. 59–10 Kan.
43. puncticollis Lec. 66–381 N.Mex.Ariz. Cal.
a. integricollis Schffr. 15–50 Tex.Ariz.
44. lecontei Harold 68–110 Tex.N.Mex.
45. simplex Lec. 57–41 Or.So.Cal. Ariz.
a. corvinus Harold 68–129 Cal.Ariz.Colo. Utah
b. humeralis Horn 70–46 So.Cal.Id.
c. militaris Horn 70–46 Cal. [Vanc.
46. cyanellus Lec. 59–10 Tex.-Mex.
47. vigilans Lec. 58–16 Mich.Pa.-Tex. Colo.

Canthon Hffsg.

13048. lævis (Drury) 70–79 Atl.-Ariz.Ind.
hudsonias (Forst.) 81–3 [Fla. So.Cal.
obtusidens Ziegl. 44–45 S.C.
pilularius (L.) 58–349 Md.
volvens (Fab.) 92–66 N.Y.
a. viridescens Horn 70–47 Fla.
49. obliquus Horn 94–393 L.Cal.
50. chalcites Hald. 43–304 Mo. Kan. Ind.
51. humectus Say 32–4
a. gagatinus Harold 63–173 Ariz.-Guat.
b. indigaceus Lec. 66–380 Ariz.
52. viridis (Beauv.) 05–23 U.S.& Mex.
obsoletus (Say) 23–208 Pa. [Ind. Fla.
viridicatus (Say) 35–173
53. perplexus Lec. 47–85 Tex. Ill.-Mex. Ind. So.Cal.

Deltochilum Esch. 22–37

13054. gibbosum (Fab.) 75–28 So.St.Fla.
55. scabriusculum Bates 88–39 Tex.

Megathopa Esch. 22–34

13056. yucateca Harold 63–173 Mex. Tex.

COPRINI

Horn 75; Blanchard 85; Schaeffer 06, 14

Choeridium Serv. 25–356

13057. histeroides (Web.) 01–37 Conn. Ind.
capistratum (Fab.) 01–62 Pa.
58. lecontei Harold 68–42 Fla. Ariz.

Pinotus Er. 47–108
(*Brachycopris* Hald. 45–125) [1]

13059. carolinus (L.) 67–545 Fla. Pa.& So.& S.W.St. Ind.
60. colonicus (Say) 35–174 Tex. Mex.
bituberculatus Harold 69–127
— ?texanus Felsche 01–139

Copris Geof. 62–87

13061. gopheri Hub. 94–310 Fla.
62. minutus (Drury) 73–78 Can.-Fla. Ind.
ammon Fab. 81–24 [Tex.
lar Fab. 87–13
reflexus Panz. 94–7
silenus Fab. 75–21
63. incertus Say 35–175 Mex.
a. prociduus Say 35–176
64. arizonensis Schffr. 06–254 Ariz.
65. tullius Oliv. 89–118 Can.-Tex. Ind.
anaglypticus Say 23–204 [Fla.
66. inemarginatus Blatch. 18–54 Fla.
67. remotus Lec. 66–381 Tex. Mex.

Copris Geof.

13068. mœchus Lec. 54–222 Tex. Mex. So.Cal. Ariz.

Phanæus MacL. 19–124

13069. pluto Harold 63–164 Ariz. Mex.
morio Lec. 63–36
70. quadridens (Say) 35–176 Ariz. Mex.
violaceus Lap. 40–81
71. difformis Lec. 47–86 Tex. N.Mex. Fla.
72. carnifex (L.) 67–546 Atl.St.-Colo. vindex MacL. 19–133 [Ind. Fla.
73. triangularis (Say) 23–206 Mo. Kan. Tex.
a. torrens Lec. 47–85 Mo. Ind.
74. igneus MacL. 19–133 Ga. Fla.
a. nigrocyaneus MacL. i litt. Fla.
75. mexicanus Harold 63–171 Ariz. Mex.

Onthophagus Latr. 07–141

13076. coproides Horn 81–79 Kan. Tex.
77. polyphemi Hub. 94–311 Fla.
78. subæneus Beauv. 05–105 Ind.
79. velutinus Horn 75–140 L.Cal. Ariz.
80. hecate Panz. 94–5 Can.-Fla. Tex.
hastator Fab. 01–31 Mo. [Ind.
latebrosus Fab. 01–34 S.C.
obtectus Beauv. 05–2 S.C.
sayi Cast. 41–87 S.C.

[1] Brachycopria apparently antedates Pinotus, but as Mr. Schwarz has informed me that Holocephalus Hope 1838 has also to be considered I have made no change.

Onthophagus Latr.

13081. guatemalensis Bates 88–73 Tex.
82. orpheus Panz. 94–5 Fla. N.Y. Wis. Mont. Ind.
83. arizonensis Schffr. 09–382 Ariz.
84. janus Panz. 94–5 E.U.S. Ct.Ind.
canadensis Fab. 01–34 [Fla.
concinnus Cast. 40–87
cervicornis Kby. 25–565
protensus Melsh. 46–134 Pa.
niger Melsh. 46–134
a. striatulus Beauv. 05–92 E.U.S. Ind.
scabricollis Kby. 37–126
castaneus Melsh. 46–134
85. nigrescens Blatch. 16–94 Fla.
86. pennsylvanicus Har. 73–115 Can.-Fla. Tex. Ind.

Onthophagus Latr.

13087. cribricollis Horn 81–76 Kan.-Tex.Ind.
88. nuchicornis(L.) 58–547 †Eur. N.S. N.Y.N.J.Nfld.
rhinoceros Melsh. 46–134 Pa. N.B. R.I. Sib.
89. lecontei Harold 68–115 Mex.-Ariz.
90. tuberculifrons Harold 73–115 N.Y.-Fla. Ind.
91. anthracinus Harold 76–104 Mex.-Tex. Ariz.
92. landolti Harold 80–34 Tex.-S.Am.
93. texanus Schffr. 14–299 Tex.
94. brevifrons Horn 81–76 Kan. Tex.

Oniticellus Serv. 25–356

13095. californicus Horn 82–118 Cal.
96. cubiensis Cast. 41–92 Cuba, Fla.

AEGIALIINÆ

Horn 87; Schmidt 12

Aegialia Latr. 07–96

13097. rufescens Horn 87–99 L.Sup. Nev.
rufa || Lec. 78–610
98. cylindrica (Esch.) 22–11 Alas. Wash.
99. lacustris Lec. 50–225 L.Sup. Colo.
?exarata Mann. 53–219 [Nfld.
13100. blanchardi Horn 87–99 Mass. N.C.
01. pusilla Horn 87–99 Wash.

Aegialia Latr.

13102. conferta Horn 71–294 Ind. Ill. Wash. So.Cal. Ga.
03. latispina Lec. 78–611 So.Cal.
04. opifex Horn 87–99 Mass.
05. crassa Lec. 57–42 Cal. So.Cal.
06. spissipes Lec. 78–611 L.Sup. Mass.

APHODIINÆ

Horn 87; Schmidt 10

APHODIINI

Aphodius Ill. 98–15

(*Teuchestes* Muls. 42–176)

13107. fossor (L.) 58–348 †Eur.Sib.Can. N.Eng.N.Y. Nfld. N.H. Mich. Ia. Pa.

(*Diapterna* Horn 87–3)

08. validus Horn 70–112 H.B.T.
09. hamatus Say 23–277 Me.-Or. N.Mex. Ind.
concavus ‡ Hald. 48–103 Fla.
pinguis Hald. 48–103
angularis Lec. 50–225
hyperboreus Lec. 50–225
omissus Lec. 50–225
torpidus Horn 70–114
sagittarius Harold 60–615
a. occidentalis Horn 70–114

(*Colobopterus* Muls. 42–165)

10. erraticus (L.) 58–345 †Eur. Sib. M.St. Md.
pensvallensis Melsh. 46–135
11. hæmorrhoidalis (L.) 58–348 †N.Y. N.J.
a. humeralis Muls. 42–174 N.Y. N.J.

(*Aphodius* s. str.)

A.

12. denticulatus Hald. 48–104 Wy.-N.Mex.
13. moquinus Fall 07–242 Ariz.
14. conspersus Horn 87–9 Cal.

Aphodius Ill.

B.

13115. crassulus Horn 70–118 Fla.-Tex.
16. crassuloides Fall 07–243 N.Mex.
17. abusus Fall 07–242 Tex.
18. bidentatus Schm. 06–201 Colo.
bidens || Lec. 78–453
19. fimetarius (L.) 58–348 Nfld. † Eur. Sib. Can-Tex.
nodifrons Rand. 38–20 Me. [Ind.
20. sigmoideus VanD. 18–9 Wash.
21. congregatus Mann.53–219 No.Cal. Alas.
arcticus Harold 63–361
22. aleutus Esch. 22–27 Sib. Colo. Cal. Alas.
ursinus Mots. 45–365 Wash. Or. N.Mex.
23. putridus (Hbst.) 89–160 †Eur.Sib.Atl.-
foetidus (Fab.) 92–40 [Colo.N.Mex.
tenellus Say 23–213
24. duplex Lec. 78–454 Colo.
25. neotomæ Fall 07–243 So.Cal.
26. pectoralis Lec. 57–41 Cal.-Alas.
27. ruricola Melsh. 46–136 Nfld.Can.-
curtus Hald. 48–105 [Tex.Ind.Fla.
a. aurelianus Harold 63–375 So.St.
28. sallei Harold 63–336 Mex. Tex.
29. anthracinus Lec. 78–455 Utah, Ariz.
30. arizonensis Schffr. 07–61 Ariz.

C.

31. granarius (L.) 58–457 †Cosmop.Ind.

† Introduced.

Aphodius Ill.

aterrimus Melsh. 46–136 Eur.Sib. So. Cal.
metallicus Hald. 48–105 U.S.&Can.
spretus Hald. 48–106 [Ariz.
13132. vittatus Say 25–191 Atl.-Nev.Ariz. Ind.So.Cal.
a. cockerelli Leng 18–207 Colo.
niger || Ckll. 88–6
b. nigromarginatus Ckll.88–6 Colo.
33. guttatus Esch. 23–97 Alas. Lab.

D.

34. lividus (Oliv.) 90–86 Fla.†So.St. W.I. Ariz.Ind. So.Cal.
35. vestiarius Horn 70–121 Fla.Eur.Sib.

E.

36. rugatus Schm. 07–202 So.Cal.
rugifrons || Horn 71–295

F.

37. obtusus Lec. 78–454 Colo.Wy.
38. consociatus Horn 87–21 Cal. So.Cal.
39. subæneus Lec. 57–41. Cal.So.Cal.
40. alternatus Horn 70–129 Mont.-So.Cal.
41. rotundiceps Fall 07–244 N.C.

G.

42. nevadensis Horn 70–121 Nev.No.Cal.
43. gentilis Horn 87–24 Cal.
44. cribratus Lec. 78–455 So.&No.Cal. Or.

H.

45. columbiensisWickh.13–29 B.C.
46. opacus Lec. 72–193 Cal. Vanc.
47. lutulentus Hald. 42–304 M.&So.St.Fla.
corvinus Hald. 48–104 ♂
48. stupidus Horn 70–125 N.C. Ga.
49. lentus Horn 70–125 Fla.Pa.Ga.Ill. Mass. Ind.
50. decipiens Horn 87–28 Nev.

I.

51. explanatus Lec. 78–457 Colo.
52. umbricollis Fall 07–245 Tex.N.Mex.
53. rudis Lec. 78–458 Colo.
54. phæopterus Lec. 78–456 Mont.Id.
55. brevicollis Lec. 78–455 Neb. [Wash.
56. depressiusculus Schm. 07–201 Nev.
marginatus || Lec. 78–456
57. ochreipennis Horn 71–295 So.Cal.
58. haldemani Horn 87–33 Tex.Kan.
politus || Horn 70–128
59. rubeolus Beauv. 05–90 Mass.Mo.Tex.
copronymus Melsh.44–136 [Ind.Fla.
60. iowensis Wickh. 13–28 Iowa
61. campestris Blatch. 12–330 Fla.
62. stercorosus Melsh. 44–136 Atl.-Dak.Ind.
63. troglodytes Hub. 94–310 Fla. [Fla.
64. concavus Say 23–214 Ga.-Colo.Fla.
lævigatus Hald. 48–103
65. rubidus Lec. 57–41 Cal.Ariz. So.Cal.
66. militaris Lec. 58–65 Cal. Nev. So.Cal.
67. coquilletti Linell 96–722 So.Cal.
68. æmulus Horn 87–38 So.Ariz.
69. rubiginosus Horn 70–127 Ariz.

Aphodius Ill.

13170. consentaneus Lec. 50–255 Can.-N.Mex.
71. wolcotti Blatch. 10–932 Ind.
72. luteolus Horn 87–40 N.Mex.
73. phaleroides Horn 70–131 C.I. N.I.
74. knausi Fall 05–130 Kan.
kansanus Wickh. 05–169
75. larreæ Horn 87–41 Tex. Ariz.
76. parcus Horn 87–42 E. Fla.
77. ægrotus Horn 70–127 Fla.N.C.
78. dentiger Lec. 58–65 S.W.Tex.Ariz.
79. coloradensis Horn 70–130 Colo.Ariz.
80. bicolor Say 23–212 Can.-Tex.Ind.
81. luxatus Horn 87–46 So.Cal.Ariz.
82. serval Say 37–167 M.St.-Tex.
steinheili Harold 69–100 [Ind.
83. ungulatus Fall 01–254 So.Cal.
84. distinctus (Müll.) 76–53 †Eur.Atl.-
inquinatus (Hbst.) 84–6 Sib. [Colo.Ind.
maculipennis Melsh. 44–137
85. pardalis Lec. 57–41 So.Cal.Vanc.
86. leopardus Horn 70–124 Me.E.Can.
87. inutilis Horn 87–50 Cal.Or. [Nfld.
88. pumilio Schm. 07–201 N.Mex.
pumilus || Horn 87–50
89. terminalis Say 23–213 M.St.-Tex.
90. plutonicus Fall 07–245 N.Mex. [Ind.
91. cruentatus Lec. 78–456 Ariz. N.Mex.
92. rufipes (L.) 58–353 N.C.†Md.Pa. Eur. Sib.
93. depressus (Kug.) 92–262 †N.Y.?Eur. Sib.

K.

94. scabriceps Lec. 78–457 Colo.
95. longitarsis Fall 07–246 Tex. Man.
96. asellus Schm. 07–201 Tex.
nanus || Horn 87–55
97. acerbus Horn 87–56 Tex.

L.

98. rubripennis Horn 70–132 Can.Pa.Md.
99. subtruncatus Lec. 78–457 Colo.Neb. Ariz.
13200. walshi Horn 70–132 Ill.Kan.Ind.
01. femoralis Say 23–215 Mass.-Tex. Ind.
02. prodromus (Brahm) 90–3 †Me.Can. Eur.
03. tenuistriatus Horn 87–60 S.W.Tex. [Sib.

M.

04. oblongus Say 23–215 Pa.-Colo.Ind.
badipes Melsh. 44–135
05. sparsus Lec. 78–458 Cal.
blaisdelli Fall 05–129 Cal.
06. ovipennis Horn 70–133 Cal.
07. humeralis Lec. 78–458 Mich.Md.
08. dialytoides Fall 07–247 N.C. Mass.

*

09. suspectus Mann. 11–107 Wash.
— cadaverinus Mann.43–261 Cal.
— innexus Say 37–177 Mex.
flavocinctus Harold 60–614 Cal.
— nigricans Westw. 43–93 Am.

Oxyomus Cast. 40–98

13210. silvestris (Scop.) 63–5 †Eur.N.Y.Pa.
porcatus (Fab.) 75–20
opacifrons Horn 71–284

† Introduced.

EUPARIINI

Euparia Serv. 25–357

13211. castanea Serv. 25–357 Fla. Ala. La.

Atænius Harold 67–100

13212. insculptus Horn 87–70 Fla.
sculptilis ‡ Lec. 78–402
13. cylindrus Horn 71–289 N.C.-Fla.
horni Harold 74–19
14. lecontei Harold 74–20 D.C.-La. Ind.
15. lucanus Horn 71–288 L.Cal.
16. abditus (Hald.) 48–106 Fla.Mass.Ariz. So.Cal. Ind.
attenuator Harold 74–22 So.Am.
a. texanus Harold 74–23 Tex. Ariz.
confertus Fall 09–162 L.Cal.
17. desertus Horn 71–289 Utah, Ariz. So.Cal.
18. inops Horn 87–73 Ariz. Tex. Ind.
19. læviventris Horn 87–74 So.Ariz.
20. imbricatus(Melsh.)44–136 Mass.Tex.Ind.
sordidus Harold 69–103 [Fla.
21. alternatus (Melsh.)44–147 Fla. Pa.-Tex. Ind.
22. socialis Horn 71–287 Ga. La. Tex.
23. puncticollis Lec. 68–66 Tex.

Atænius Harold

13224. wenzeli Horn 87–77 N.J.-Fla.
25. ovatulus Horn 71–286 Pa.-La. Fla.
26. gracilis (Melsh.)44–137 Ind.Mass.-Fla. So.Cal. Ariz.
27. figurator Harold 74–24 Ga. La. Tex.
28. robustus Horn 71–285 Wis. Mo. Kan.
29. oblongus Horn 71–286 Cal.
30. inquisitus Horn 87–81 S.W.Tex.Fla.?
31. strigatus (Say) 23–212 Ga.-Colo. Fla.
spretulus (Hald.) 48–106
32. stercorator (Fab.) 81–22 Fla.
33. cognatus (Lec.) 58–65 Fla. N.Eng.-Mex.Ariz. Ind.
34. californicus Horn 87–84 So.Cal. Ariz.
35. lobatus Horn 71–287 Ariz. L.Cal.
36. hirsutus Horn 71–288 Ariz. [So.Cal.
?haroldi Steinh. 72–556 San Luis, Mex.

Dialytes Harold 69–101

13237. truncatus (Melsh.) 46–135 Can.-Md.
corvinus (Hald.) 48–104
38. ulkei Horn 75–141 Can.-Md.
39. striatulus (Say) 25–192 Can. Md. Ill.
cribrosus (Lec.) 50–225

PSAMMOBIINI

Psammobius Heer 41–531
(*Psammodius* ‡ auct.)

13240. cruentus Harold 67–282 Ga. Fla.
bidens Horn 71–293
41. schwarzi Linell 96–721 Fla.
42. ægialioides Hald. 48–107 N.Y.-Ga.
43. quinqueplicatus Horn 71–292 Ariz.Tex.Mex.
44. interruptus Say 35–178 Ind.M.St. Dak. Tex.
45. cælatus (Lec.) 57–42 Cal So.Cal.
46. desertus Van D. 18–10 So.Cal.
47. hydropicus Horn 87–97 Ga.
48. ?clypeatus (Say) 23–228 N.W.Terr.
49. ?ambiguus Fall 07–241 Tex.
50. ?grundeli VanD. 18–10 Cal.

Rhyssemus Muls. 42–314

13251. scaber Hald. 48–107 E. & M.St.

Rhyssemus Muls.

13252. californicus Horn 71–290 So.Cal. Ariz. Ga. Fla.
53. sonatus Lec. 81–77 Ill. Kan. Colo. Mont.

Trichiorhyssemus Clouet 01–15

13254. riparius (Horn) 71–290 Ariz.
cælatus (Lec.) 81–77 Wy. N.Mex.

Pleurophorus Muls. 42–312

13255. cæsus (Creutz) 96–35 Cosmop. Md. D.C. Ind.
rugiceps (Dury) 02–154 Ohio
56. parvulus Chev. 64–415 W.I. Mex.
nanus ‡ (Horn) 87–96 Mass.Mich. Cal.-Tex.Ariz. So.Cal.
57. ventralis Horn 87–92 Can. D.C. Ind.

OCHODÆINÆ

Horn 68, 76; Fall 09; Arrow 12

Ochodæus Serv. 25–360

13258. pectoralis Lec. 68–51 N.Mex. Ariz.
59. gnatho Fall 07–247 N.Mex. Ariz.
60. simplex Lec. 54–222 Tex.-Nev.
61. planifrons Schffr. 06–269 Ariz. [Ariz.
62. ulkei Horn 76–182 Nev.
63. musculus (Say) 37–178 Mich. Man.
opacus Lec. 68–51 ♀ [Kan. Ind.
americanus Westw. 52–66
64. striatus Lec. 54–222 Ariz. N.Mex.
65. inarmatus Schffr. 06–270 Ariz.
66. kansanus Fall 09–34 Kan. N.Mex.
67. biarmatus Lec. 68–51 Kan. Tex. N.Mex. Ariz.

Ochodæus Serv.

13268. peninsularis Horn 95–224 L.Cal.
69. californicus Horn 95–224 So.Cal.
70. præsidii Bates 87–106 Mex. Ariz.
71. repandus Fall 09–36 Ariz. [N.Mex.
72. nimius Fall 07–248 N.Mex.
73. frontalis Lec. 63–76 Tex. (Fla.?)
complex Lec. 68–51 N.Mex.
74. mandibularis Linell 95–723 Ariz. N.Mex.
75. sparsus Lec. 68–51 N.Mex. Colo.
76. ?estriatus Schffr. 06–271 Cal. [Ariz.
— duplex Lec. 68–51 Tex.

HYBOSORINÆ

Arrow 12

Hybosorus MacL. 19–120
13277. illigeri Reiche 53–88 So.Eur. So.St.
carolinus Lec. 48–84 Asia, Africa
arator Ill. 03–210

Pachyplectrus Lec. 74–53
13278. lævis Lec. 74–54 So.Cal. Ariz.

GEOTRUPINÆ

Schaeffer 06; Boucomont 12

BOLBOCERINI

Bolboceras Kby. 18–459
(*Bradycinctus* || Horn 71–334)
(*Bradycinetulus* Ckll. 06–242)
13279. horni Rivers 86–61 Cal.
80. minor Linell 95–723 Tex.

(*Amechamus* Horn 70–42)
81. fossatus (Hald.) 53–362 Tex. (Mo.?)
82. ferrugineus (Beauv.) 05–90 Fla.
furcicollis Cast. 40–104
83. serratus Lec. 54–80 Tex. Ariz.
a. peninsularis Schffr. 06–249 L.Cal. [So.Cal.
84. schaefferi Boucm. 10–347 Ariz. L.Cal.
carinatus || Schffr. 06–249

Odontæus Klug 43–37
13285. corniger (Melsh.) 44–138 M.& C.St.Ind. Fla.
86. filicornis (Say) 23–211 M.& C.St.Ind.
87. obesus Lec. 59–282 Cal. [Fla.

Bolbocerosoma Schffr. 06–254
13288. farctum (Fab.) 75–14 Atl.-Colo. Ind.
cephus (Fab.) 75–18 [Fla.
a. tumefactum (Beauv.) 05–91

Eucanthus Westw. 52–26
13289. lazarus (Fab.) 75–11 Atl.-Colo. Ind.
melibœus (Fab.) 92–20 [Fla. Ariz.

GEOTRUPINI

Jekel 65; Horn 68; Blanchard 88; Boucomont 12

Geotrupes Latr. 96–6
(*Anoplotrupes* Jek. 65–525)
13290. balyi Jek. 65–617 Conn. E.St.
similis Jek. 65–617 ♀
91. horni Blanch. 88–107 Mass. D.C. N.C.

(*Peltotrupes* Blanch. 88–105)
92. chalybeus Lec. 78–402 Fla.

(*Cnemotrupes* Jek. 65–587)
93. blackburni (Fab.) 81–20 U.S. Ind. Fla.
excrementi Say 23–210 [Conn.
conicollis Jek. 65–591 N.Am.
a. jekeli Horn 68–317
94. egeriei Germ. 24–114 Conn.-Fla.
leconteï Jek. 65–592 ♀ Mass.
95. occidentalis Horn 80–144 Cal.
96. opacus Hald. 53–362 E.U.S. Ind.
chevrolati Jek. 65–595 Tex.

Geotrupes Latr.
haldemani Jek. 65–593 N.Am.
13297. ulkei Blanch. 88–106 Va.

(*Onychotrupes* Jek. 65–605)
98. semiopacus Jek. 65–612 N.Am. Conn.
blackburni ‡ Melsh. 44–139
melsheimeri Jek. 65–613 ♀ N.Am.
ovalipennis Jek. 65–614 ♀
99. splendidus (Fab.) 75–18 E.U.S.Ind.Fla.
blackburni ‡ Beauv. 05–75 [Conn.
gilnicki Jek. 65–608 ♀ Haiti
starki Jek. 65–609 ♀ N.Am.
miarophagus Say 23–210
a. mixtus Horn 68–316

(*Mycotrupes* Lec. 66–381)
13300. lethroides Westw. 37–256 So.St.
retusus Lec. 66–381 N.C. La. Fla.
aeneus Felsche 09–765

PLEOCOMINÆ [1]

Horn 88; Arrow 12

Pleocoma Lec. 56–24
13301. rickseckeri Horn 88–5 Cal.(Sylvania)
02. fimbriata Lec. 56–24 Cal. (El D. Fresno Co.)
03. puncticollis Rivers 89–17 So.Cal. (Cuyamaca Mts.)
04. australis Fall 11–65 Cal. (San Gabriel Mts.)
05. behrensi Lec. 74–83 Cal. (Marin Co.)
06. conjungens Horn 88–7 Cal.(Sta.Cruz)
07. badia Fall 17–15 So.Cal.

Pleocoma Lec.
13308. hirticollis Schauf. 70–51 Cal. (Nev. City)
09. hoppingi Fall 06–394 Cal. (Kaweah)
10. ulkei Horn 88–9 Utah
11. staff Schauf. 70–50 Cal.
adjuvans Cr. Check List 74
edwardsi Lec. 74–83

Acoma Csy. 89–165
13312. brunnea Csy. 89–167 Tex. Ariz.

[1] The position of this group is disputed. Some authors place it in Melolonthinæ. See Proc. Ent. Soc. Wash. I, 32. Acoma has, in particular, been placed near Podalasia.

GLAPHYRINÆ

Arrow 12

Amphicoma Latr. 07–118
(*Lichnanthe* Burm. 44–26)
(*Dasydera* Lec. 61–345)

13313. lupina (Lec.) 56–288 N.Eng.-Pa.
14. ursina (Lec.) 61–345 Cal. So.Cal.
15. vulpina Hentz 26–374 N.H.N.Eng.-N.Y.N.C.Ct.

Amphicoma Latr.

13316. edwardsi (Horn) 70–77 Nev.Or.Wash. So.Cal.
17. canina (Horn) 64–167 So.Cal.Nev.
18. cooperi (Horn) 67–164 Or. [Or. Wash.
19. rathvoni (Lec.) 63–76 Nev. Cal. Wash.

ACANTHOCERINÆ

Arrow 12

Cloeotus Germ. 43–129

13320. aphodioides (Ill.) 00–109 Fla.Ga.Tex.
latipes (Germ.) 24–114 Mex. Ind.
splendidus (Say) 35–180
lævistriatus (Cast.) 40–109
21. globosus (Say) 35–179 N.Y.Ala.Mex.
puncticollis (Germ.) 43–140 [Ind. Fla.

Acanthocerus MacL. 19–136
(*Sphæromorphus* Germ. 43–111)

13322. æneus MacL. 19–137 Fla.
?volvox Er. 43–123 Ga.

TROGINÆ[1]

Leconte 54; Horn 74; Fall 07; Arrow 12

Glaresis Er. 48–925

13323. ecostata Fall 07–23 So.Cal.
24. phoenicis Fall 07–24 Ariz.
25. inducta Horn 85–117 S.W.Tex.
26. mendica Horn 85–117 Ariz.

Trox Fab. 75–31
(*Omorgus* Er. 48–932)

13327. scutellaris Say 23–238 Kán.Tex.N.
a. texanus Lec. 54–214 [Mex. Ariz.
b. suturalis Lec, 54–214
c. umbonatus Lec. 54–214
28. scabrosus Beauv. 05–175 Atl. to Mo. Ind. Fla.
29. monachus Hbst. 90–25 So.St.-Kan. Tex. Ind. Fla.
tuberculatus || Beauv. 05–175
pustulatus Lec. 54–215
30. asper Lec. 54–215 Fla.So.St.Kan. Ind.Tex.
31. suberosus Fab. 75–31 U.S.& Can. Ind.
crenatus Oliv. 90–7 So.Cal.Fla.
denticulatus ‡ Beauv. 05–176 [Ariz.
alternatus Say 35–179
punctatus ‡ Lec. 54–215
32. punctatus Germ. 24–113 So.Atl.St.-L.Cal.Ariz.
a. morsus Lec. 54–216 [So.Cal.
b. integer Lec. 54–216 Ariz.
c. tesselatus Lec. 54–216 Ariz.
33. tuberculatus (DeG.) 74–318 Pa.Kan.Ariz.
serrulatus Beauv. 05–176 [Ind.
canaliculatus Say 24–278

Trox Fab.

13334. gemmulatus Horn 74–8 So.Cal.
35. sonoræ Lec. 54–211 Kan.Tex.Ariz.
alternans || Lec. 54–212
lecontei Harold 72–156
36. erinaceus Lec. 54–212 Fla.N.J.Ga. Okla. Ind.
37. capillaris Say 23–238 Can.-N.Mex. Ind.
38. unistriatus Beauv. 05–175 Can.-Ga.Ind.
porcatus Say 25–193
39. sordidus Lec. 54–211 Can.Ga.Kan. Ind.
40. insularis Chev. 64–416 Cuba, Fla.
foveicollis Harold 72–181 Ill.Mo.Kan. Ind.
41. terrestris Say 25–192 N.J.-Fla.Ohio Ind.
42. æqualis Say 32–5 Can.-La. Ind.
43. fascifer Lec. 54–213 Cal.
44. scaber (L.) 67–573 Cosmop.Ind. Fla.
variolatus Melsh. 46–138 So.Am.Eur. Asia
45. atrox Lec. 54–214 Colo.Kan.Ill. Ind.So.Cal.
46. laticollis Lec. 54–213 N.Y. [Ariz.
47. striatus Melsh. 46–137 Pa.

MELOLONTHINÆ

Leconte 56; Dalla Torre 12

CHASMATOPTERINI

Oncerus Lec. 56–283

13348. floralis Lec. 56–284 Cal. So.Cal.

Oncerus Lec.

13349. convergens Horn 94–394 L.Cal.

[1] This subfamily should probably be raised to family rank.

Podolasia Harold 69–122
(*Lasiopus* ‡ Lec. 56–282)
13350. ferruginea (Lec.) 56–283 Tex.

Chnaunanthus Burm. 44–31
13351. palmeri Horn 94–393 Utah

Chnaunanthus Burm.
13352. discolor Burm. 44–32 Mex.& L.Cal.

Pseudacratus Dalla Torre 12–7
(*Acratus* ‡ Horn 67–165)
13353. flavipennis Horn 67–166 Ariz.

SERICINI

Leconte 56; Brenske 97, 02

Serica MacL. 19–146
(*Camptorhina* Kby. 37–128)
(*Stilbolemma* Harris 26–6)

A.

13354. vespertina (Gyll.) 17–180 M.S.E.St.Ind.
atracapilla (Kby.) 37–129 [Fla.
55. georgiana Leng 11–214 Ga.
56. evidens Blatch. 19–153
carinata || Blatch. 10–957 Ind.
57. intermixta Blatch. 10–957 Ind.
58. texana Lec. 56–274 Tex.
59. atratula Lec. 56–274 Tex.
60. serotina Lec. 56–275 Cal.

B.

61. iricolor (Say) 24–246 M.St.Fla.
62. fimbriata Lec. 56–275 So.Cal.
63. tristis Lec. 50–226 L.Sup.
64. sericea (Ill.) 02–75 N.Am.M.& S. St.Ind.Fla.

Serica MacL.
chrysomelina (Gmel.) 88–1566
?variabilis (Fab.) 76–210
parallela Csy. 84–176 N.J.
13365. curvata Lec. 56–276 Kan. Ariz.
66. elongatula Horn 70–77 Cal. So.Cal.
porcula Csy. 84–177 Ariz.
67. mixta Lec. 56–276 So.Cal.
68. alternata Lec. 56–276 So.Cal.
69. anthracina Lec. 56–276 Or.
crassata Walk. 66–323 Vanc.
70. frontalis Lec. 56–276 Or.
71. valida Harold 69–123 Cal.
robusta ‡ Lec. 56–276
72. trociformis Burm. 44–179 N.Am. M.& S:
trogiformis (Uhler) 55–415 [St. Ind.
?aphodiina (Billb.) 20–386
73. pilifera Horn 94–397 L.Cal.
— parvula Blanch. 50–82 N.Am.

LIPARETRINI

Hypotrichia Lec. 62–137
13374. spissipes Lec. 62–137 Fla.

MELOLONTHINI

Alobus Lec. 56–273
13375. fulvus Lec. 56–273 N.Y.

Diplotaxis Kby. 37–129
(*Orsonyx* Lec. 56–265)
13376. sordida (Say) 25–197 Me.-Ga.Mich.
castanea Burm. 55–262 [Ind.
77. rugosioides Schffr. 07–61 N.H. N.C.
78. mimosæ Fall 09–22 So.Ariz.
79. popino Csy. 85–179 So.Ariz.
80. eribrulosa Lec. 56–270 Tex. [N.Mex.
81. arizonica Schffr. 07–63 So.Ariz.
82. bowditchi Fall 09–25 Mo.
83. villosa Fall 09–26 Tex.
84. puberula Lec. 63–80 Tex. Ariz.
85. brevisetosa Linell 96–400 Tex.
86. muricata Schffr. 07–62 Tex.
87. hispida Fall 09–29 N.Mex.
88. sparsesetosa Schffr. 07–63 Tex.
89. knausi Schffr. 07–64 Nev. Utah,
90. fissilabris Fall 09–32 So.Ariz. [Ariz.
91. schæfferi Fall 09–32 Tex.
92. mentalis Fall 09–33 Tex. N.Mex.
93. conformis Fall 09–34 Colo. No.Ariz.
94. residua Fall 09–34 Id. B.C.
95. tenebrosa Fall 09–35 Neb.-Wash.
96. costulata Fall 09–36 Ariz.
97. brevicollis Lec. 56–267 Vanc.-Ariz.
nigropicea (Walk.) 66–322
98. semifoveata Fall 09–38 So.Ariz.
99. parvicollis Fall 09–38 Colo. N.Mex.
13400. levicoxa Fall 09–39 Utah-Cal.

Diplotaxis Kby.
13401. haydeni Lec. 56–272 N.Mex.-Mont.
innoxia Lec. 56–273
02. dentella Fall 09–41 Ariz.
03. insignis Lec. 61–346 Utah
04. belfragei Fall 09–43 Tex. Utah
a. sinuata Fall 09–44 N.Mex. Utah
05. atlantis Fall 09–44 N.H.-Va.
06. sierræ Fall 09–45 Cal. Nev.
07. parallela Fall 09–46 N.Mex. Colo.
08. obscura Lec. 59–9 Dak. Alb.-
consequens (Walk.) 66–322 Vanc. [Colo.
a. prominens Fall 09–47 Colo. Utah,
b. compacta Fall 09–48 Utah [N.Mex.
09. tristis Kby. 37–130 54°N.S.-Mich.
corpulenta Burm. 55–263 [Ariz.?
10. liberta (Germ.) 24–123 Mass.-Ga.
mœsta (Say) 25–197
georgiæ Blanch. 50–171
11. subcostata Blanch. 50–271 Pa. Fla. Tex.
castanea Burm. 55–262
12. rufa Linell 95–725 Ga. Fla.
13. frontalis Lec. 56–268 Ga. S.C. Fla.
14. excavata Lec. 56–267 S.C. Ga. Fla.
15. densicollis Fall 09–52 S.C. [La.
16. subangulata Lec. 56–271 So.Cal. Or. Kan.Cal.B.C.
a. californica Schffr. 07–66 Cal.
17. atratula Lec. 56–270 N.Mex. Ariz.
18. connata Schffr. 05–158 So.Ariz.
19. macronycha Fall 09–55 N.Mex. Ariz.
20. pacata Lec. 56–272 Ariz. So.Cal.

Diplotaxis Kby.

13421. fimbriata Fall 09–56 Cal.
22. brevidens Lec. 56–272 Ariz.
23. fossipalpa Fall 09–57 Ariz.
24. illustris Fall 09–58 Ariz.
25. beyeri Schffr. 07–66 Tex.
26. sulcatula Fall 09–60 Tex. N.Mex. Ariz.
27. mœrens Lec. 56–268 So.Cal. Ariz. Utah, Cal.
28. punctipennis Lec. 56–268 Tex.
29. corvina Lec. 56–272 Ariz. So.Cal.
30. carbonata Lec. 56–270 Neb.-Ariz.
31. rufiola Fall 09–63 N.Mex. Colo.
32. acerba Fall 09–64 Tex. [Ariz.
33. ingenua Fall 09–65 Ariz.
34. planidens Fall 09–65 Ariz.
35. ambigua Fall 09–66 Ariz.
36. cephalotes Fall 09–67 So.Ill.
37. marginicollis Fall 09–67 Ariz. N.Mex.
38. pubipes Schffr.07–65 Tex.
39. trementina Fall 09–69 N.Mex. Ariz.
40. punctulata Horn 94–397 L.Cal.
41. peninsularis Fall 09–70 L.Cal.
42. anxius (Lec.) 56–266 Ariz. Utah,
43. anthracina Fall 09–71 L.Cal. [So.Cal.
44. maura Fall 09–72 Tex.
45. pinguescens Fall 09–72 Tex.
46. frondicola (Say) 25–198 N.J.Neb.Tex. Ind.
47. testacea Fall 09–73 Kan. Neb.
?basalis Burm. 55–263 [Colo.
48. lengi Fall 09–74 La. Tex. Okla.
49. thoracica Fall 09–75 Tex.
50. arcuata Fall 09–75 Ariz.
51. dubia Lec. 56–269 Tex.
52. curvaticeps Fall 09–77 Tex.
53. bidentata Lec. 56–271 Ga. Fla. N.J.
54. abnormis Fall 09–78 N.Mex. Ariz.
55. harperi Blanch. 50–171 N.Y. Fla. Tex.
56. texana Lec. 56–268 Tex. [Ind.
57. languida Lec. 78–403 Fla.
58. pumila Fall 09–82 Ariz. N.Mex.
59. tarsalis Schffr. 07–64 Ariz.
60. polita Fall 09–83 L.Cal.
61. errans Fall 09–84 Tex.
62. truncatula Lec. 56–269 Kan. Tex.
consors Lec. 56–269 [N.Mex.
morula Lec. 56–270
63. punctata Lec. 56–270 Tex. N.Mex.
levicula Csy. 84–178 Ariz.
64. chiricahuæ Fall 09–86 Ariz.
65. levicosta Fall 09–87 N.Mex.
66. confusa Fall 09–88 L.Cal.
67. angularis Lec. 56–268 Ariz.
68. ænea Blanch. 50–172 Tex.& Mex.
pauperata Burm. 44–16 Mex.
simplex Blanch. 50–172 ♀ Mex.
69. misella Fall 09–91 Ariz.
70. tennis Lec. 56–271 So.Cal.
— punctatorugosa Blanch. 50–171 Ga.
— frondicola || Blanch.50–171

Diazus Lec. 59–9

13471. rudis Lec. 59–10 Kan.

Phyllophaga[1] Harris 26–6
Smith 88; Horn 87; Glasgow 16

Phyllophaga Harris
(*Lachnosterna* Hope 37–99)
(*Endrosa* Lec. 56–234)
(*Gynnis* Lec. 56–262)
(*Ancylonycha* Blanch. 45–216)
(*Trichestes* Blanch. 50–141)

I.

(*Tostegoptera* Blanch. 50–449)

13472. lanceolata (Say) 23–242 Kan.-Tex. Colo. N.Mex.

II.

(*Eugastra* Lec. 56–233)

73. epigæa Wickh. 03–71 Tex.
74. cribrosa Lec. 53–231 Tex.
ventricosa Lec. 53–440
75. æqualis Lec. 53–440 Tex.
?exorata Horn ♀ 87–278
76. farcta Lec. 56–238 Tex.

III.

77. torta Lec. 56–239 Tex. N.Mex.
78. hamata Horn 87–220 Tex.

IV.

79. latifrons Lec. 56–241 Fla.
80. ?generosa Horn 87–222 Tex.
81. georgiana Schffr. 09–382 Ga.
82. prætermissa Horn 87–223 La.
definita Sm. 88–501 S.C. Kan. Ky.
83. prununcula (Burm.) 55–360 Ga. Fla.
cerasina Lec. 56–241
84. elongata Linell 96–725 Fla.
85. parva Linell 96–726 Fla.?
86. glaberrima (Blanch.) 50–136 Pa.Fla.Ill. Ky. Del. N.J.
87. ephilida (Say) 25–196 Ind. Can.-Fla.
burmeisteri Lec. 56–242 [Tex.
88. uniformis (Blanch.) 50–133
carolina Fall 12–43 N.C.
89. forbesi Glasgow 16–378 So.Ill.
90. arkansana Schffr. 06–257 Ark. Ala.
lenta Fall 08–162 Ala.

V.

91. longitarsis (Say) 23–241 Ind. Ill. Mont.
92. frontalis Lec. 56–239 [N.Mex.
93. clemens Horn 87–144 (?N.J.) Fla.
dispar ‡ Lec. 56–240 [Tex.

VI.

94. dispar (Burm.) 55–361 Fla.
boops Horn 87–284 No.Ga. Fla.
95. debilis Lec. 56–262

VII.

96. gracilis (Burm.) 55–361 Ind. Can.N.C.
volvula (Lec.) 56–235 [Tex.
inana Lec. 56–242
97. futilis Lec. 50–226 Can. Va. Kan.
gibbosa (Burm.) 55–324 [Ind.
serricornis Lec. 56–247
decidua Lec. 56–246
98. hirtiventris Horn 87–231 Tex.
99. congrua Lec. 56–243 N.Y.Mo.Tex.
13500. postrema Horn 87–233 Fla.
01. prunina Lec. 56–251 Ind.Mich. Kan.Ala.Tex.
pruinosa || (Melsh.) 46–140
fraterna ‡ (Burm.) 55–332

[1] All author's names except those of Glasgow and Harris should be in parentheses.

Phyllophaga Harris

VIII.

13502. calceata Lec. 56–250 Tex.

IX.

03. crassissima (Blanch.) 50–133 N.Y.-Tex.
obesa Lec. 56–251
robusta Lec. 56–257 ♀
?generosa Horn 87–222 Tex.
04. subpruinosa Csy. 84–38 Fla. Pa. L.I.
05. errans Lec. 59–283 Nev. Or.
06. inversa Horn 87–241 Ind.Ill.-Tex. Va.
07. bipartita Horn 87–242 Mont.-Tex. La.
08. micans (Knoch) 01–77 Ind. Mass.-La.
09. diffinis (Blanch.) 50–138 Fla. Ky. [Fla.
comans Burm. 55–358 Ga.S.C. Fla.
sororia Lec. 56–246
rufiola Lec. 56–256
10. vehemens Horn 87–244 Kan. Ind.
11. fusca (Froelich) 92–99 Ind. H.B.T.-
fervens (Gyll.) 17–74 [Ga.-Cal. Nfld.
12. ulkei Sm. 88–94 Tenn.-Fla.
13. quadrata Sm. 88–94 Fla.
14. horni Sm. 88–95 Ind.D.C.-Ohio
15. fervida (Fab.) 81–36 Ind.D.C.N.Y. N.J. Mo. Ia.
quercina (Knoch) 01–74
arcuata Sm. 88–183
16. anxia Lec. 50–226 [Ga.
brevicollis (Blanch.) 50–132
puncticollis (Blanch.) 50–133
cephalica Lec. 56–245
uninotata Walk. 66–323
dubia Sm. 88–183 Ind. Mass.-Tex.-Cal.
insperata Sm. 89–93 N.J. Ill.
alpina Linell 97–726
17. drakei Kby. 37–133
consimilis Lec. 50–226
grandis Sm. 88–181 Ind.N.S.-Tex.
18. karlsioei Linell 98–400 Ark.

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19. barda Horn 87–248 N.C.
20. marginalis Lec. 56–250 Ind.N.Y.-Wis.
21. spreta Horn 87–250 Md. Ia. [Ga.
22. fraterna Harris 42–29 Ind. Me.-Ia. N.C. Fla.
cognata Burm. 55–323 N.Y.N.J.N.C. La. Neb.
23. forsteri Burm. 55–325 N.Y. N.J.-
semicribrata Lec. 56–247 Ga.? [Conn.
lugubris Lec. 56–248
lutescens Lec. 56–249
politula Horn 87–248 ?
nova Sm. 89–95 Ind. N.Y.D.C. N.C.

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24. infidelis Horn 87–253 Ga.-Fla.
25. luctuosa Horn 87–254 S.C. Fla.-La.
26. corrosa Lec. 56–249 Ill. Tex. Dak.
affinis Lec. 56–252 [Minn.
27. scitula Horn 87–256 Tex.
28. knochi (Gyll.) 17–75 Mass.-Ga. Kan. Tex.
29. profunda(Blanch.)50–132 Tex. D.C. Va.
biimpressa Sm. 89–97 Kan. [La.
grandior Linell 97–727 La.

Phyllophaga Harris

13530. rugosa (Melsh.) 46–140 Mass.-Colo.-
31. rugosioides Linell 97–728 L.I. [Tex. Ind.

X.

32. hirsuta (Knoch) 01–78 Mich.-N.C.
33. longispina Sm. 89–97 S.C. Mich.
34. implicita Horn 87–262 Ind. Can.-La.
minor Linell 97–728 Kan. [Minn.
35. balia (Say) 25–194 Ind. M.St.-Ill.
comata Burm. 55–337
36. villifrons Lec. 56–255 Ind. Can.-Ia.
hirticeps Lec. 56–255 ♀ Ga.? [Va.
37. nitida Lec. 56–256 Ga.-Pa.
limula Horn 87–264 H.B.T.-Ill.
innominata Sm. 89–98

XI.

38. hirticula (Knoch) 01–79 Ind. Atl.-Tex.
hirsuta ‡ Say 23–243
39. delata Horn 87–267 Ky.-Ind.
40. ilicis (Knoch) 01–75 Ind. N.Y. Ga.
porcina Hentz 30–256 [Ill. Conn.
fimbriata Burm. 55–326
ciliata Lec. 56–253 Wis.Ill.Mo.Ga.
41. subtonsa Lec. 56–254 N.Y.

XII.

(? *Holotrichia* Hope 37–99)

42. æmula Horn 87–271 No.Ga. Fla.
43. arcta Horn 87–271 Tex.
44. crenulata (Frœl.) 92–94 Ind. Mass.-
georgicana (Gyll.) 17–77 [Okla. Fla.
45. albina (Burm.) 55–328 Ind. Miss.
46. vetula Horn 87–274 Ariz. N.Mex.
47. rubiginosa Lec. 56–259 Kan. Tex.
48. parvidens Lec. 56–259 Ga.Fla.(Tex.?)
49. pygidialis Schffr. 06–257 Fla.
50. lobata Fall 08–163 Ariz.

XIII.

51. submucida Lec. 56–260 W.Tex.
52. glabricula Lec. 56–260 Kan. Tex.
53. fucata Horn 87–278 So.Ariz.
54. ?exorata Horn 87–278 Tex.

XIV.

55. ignava Horn 87–280 Tex. N.Mex.

XV.

56. quercus (Knoch) 01–72 M.St. Ga. Fla.
57. inepta Horn 87–282 Ohio
58. affabilis Horn 87–283 Kan.
59. clypeata Horn 87–145 Ga. Fla.
integra || Lec. 56–258
60. ecostata Horn 87–284 S.W.Tex.

XVI.

61. crinita (Burm.) 55–359 Tex. Mex.
glabripennis Lec. 56–260
62. antennata Sm. 89–99 Tex.
63. tristis (Fab.) 81–39 Fla. Ind. Atl.-
pilosicollis (Knoch.) 01–85 [Wash.
crinita ‡ Lec. 56–261
64. lenis Horn 87–287 Ariz. So.Cal.

XVII.

65. heterodoxa Horn 87–289 So.Ariz.
66. latidens Schffr. 06–258 Ariz.

XVIII.

67. tusa Horn 87–290 Tex.
68. maculicollis Lec. 63–76 L.Cal.
69. nitidula Lec. 63–77 L.Cal.

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— longicornis Blanch. 50–134 N.Am.?

Listrochelus Blanch. 50–141
13570. disparilis Horn 78–141 Colo. N.Mex.
71. flavipennis Horn 85–123 Ariz. [Ariz.
72. puberulus Lec. 63–78 L.Cal.
73. carminator Horn 94–398 L.Cal.
74. scoparius Lec. 56–264 Ariz.
75. gracilis Horn 85–123 Ariz.
76. densicollis Lec. 63–77 L.Cal.
77. mucoreus Lec. 56–263 L.Cal. So.Cal. Ariz.
a. texanus Lec. 56–263 Tex.-So.Cal.
78. pulcher Linell 95–730 Tex.
79. obtusus Lec. 56–264 Kan.
80. opacicollis Horn 78–145 Ariz. N.Mex.
81. tarsalis Schffr. 08–319 Ariz. [Utah.
82. sociatus Horn 78–146 Nev. Id. Or.
83. knausi Schffr. 07–67 Utah
84. timidus Horn 78–146 Ariz.
85. falsus Lec. 56–264 Kan. Colo. N.Mex.
86. fimbripes Lec. 56–264 Kan. Colo.
87. senex Horn 78–141 Tex. [N.Mex.

Phytalus Er. 47–658
13588. robustus Horn 85–119 N.Mex. Ariz.
89. cephalicus Horn 85–120 Ariz.
90. pallidus Horn 85–120 Ariz.
91. vexatus Horn 85–120 Tex.
92. debilis Horn 85–120 Ariz.
93. georgianus Horn 85–120 Ga.
94. cavifrons Linell 95–729 Tex.

Polyphylla Harris 42–30
(*Macranoxia* Cr. 73–61)
13595. cavifrons Lec. 54–222 Mex. Ariz.?
96. squamicauda Csy. 14–324 Tex.
a. molesta Csy. 14–324 N.Mex.
97. verecunda Csy. 14–325 N.Mex.
98. hammondi Lec. 56–228 Kan. Ill. Ariz.?
99. oblita Csy. 14–326 Tex.
a. impigra Csy. 14–326 N.Mex.
13600. subvittata Lec. 56–229 Tex.
a. bisinuata Csy. 14–327 Tex.
01. sejuncta Csy. 14–328 N.Mex.
02. proba Csy. 14–329 Ariz.
03. diffusa Csy. 14–329 Ariz.
04. pimalis Csy. 14–330 Ariz.
05. opposita Csy. 14–330 Or.?
06. adusta Csy. 14–331 N.Mex.
07. diffracta Csy. 89–17 N.Mex.
08. fuscula Fall 08–161 Ariz.
09. modulata Csy. 14–333 Or.
10. crinita Lec. 56–230 Wash. Or. So.
a. nigra Csy. 14–334 Wash.? [Cal.
b. mystica Csy. 14–334 Or.
11. incolumis Csy. 14–335 Cal.
a. relicta Csy. 14–336 Cal.

Polyphylla Harris
b. robustula Csy. 14–336 So.Cal.
13612. rugosipennis Csy. 14–337 Ariz.
13. lævicauda Csy. 14–338 Ariz.
14. arguta Csy. 14–339 Utah
15. sobrina Csy. 14–339 Cal.
16. latifrons Csy. 14–340 N.Mex.
17. speciosa Csy. 89–17 Colo.
a. acomana Csy. 14–342 N.Mex.
18. squamotecta Csy. 14–343 Cal.
19. pacifica Csy. 95–607 Cal.
20. decemlineata (Say) 23–246 Kan. Colo. N.Mex. So.Cal.
a. parilis Csy. 14–345 Wyo. [Ariz.
b. laticauda Csy. 14–345 Nev.
c. reducta Csy. 14–346 Wash.
21. ruficollis Csy. 14–346 So.Cal.
a. castanea Csy. 14–347 Cal.
b. oregona Csy. 14–348 Or.
c. perversa Csy. 14–348 Wash.
22. matrona Csy. 14–350 Ariz.
23. occidentalis (L.) 67–555 Va. N.C. Fla.
24. variolosa (Hentz) 40–256 Me.-N.J.
25. comes Csy. 14–352 Ky.
26. gracilis Horn 81–73 Fla.

Thyce Lec. 56–232
13627. squamicollis Lec. 56–232 N.Mex. Tex.
28. carpenteri Lec. 76–296 N.Mex. So.Cal.
29. riversi Csy. 95–608 So.Cal.
30. crinicollis Csy. 14–310 So.Cal.
31. pistoria Csy. 95–607 So.Cal.
32. rotundicauda Csy. 14–311 So.Cal.
33. vestita Csy. 14–312 So.Cal.
34. blaisdelli Csy. 92–19 So.Cal.
a. nitidula Csy. 14–313 So.Cal.
35. fossiger Csy. 89–172 So.Cal.
a. brevitarsis Csy. 14–314 So.Cal.
b. ochreata Csy. 14–314 So.Cal.
c. aperta Csy. 14–315 So.Cal.
36. angustula Csy. 14–315 So.Cal.
37. pulverea Csy. 89–171 So.Cal.
38. longipalpis Csy. 14–317 No.Cal. Or.
39. harfordi Csy. 89–173 Cal.
a. nanella Csy. 14–318 Cal.
40. squamosa Csy. 14–318 Cal. So.Cal.
41. fieldi Fall 08–160 So.Cal.
42. simplicipes Csy. 14–319 Cal.
43. angusticollis Csy. 14–320 Cal.

Dinacoma Csy. 89–174
13644. marginata Csy. 86–285 Cal. So.Cal.

Plectrodes Horn 67–166
13645. palpalis Horn 80–146 Cal. So.Cal.
46. pubescens Horn 67–167 Cal.

PACHYDEMINI

Phobetus Lec. 56–227
13647. comatus Lec. 65–227 Cal. (So.Cal.?)
a. testaceus Lec. 61–346 Cal. So.Cal. Is.

Phobetus Lec.
collocatus Walk. 66–321 Vanc.
13648. centralis Csy. 09–282 So.Cal.

MACRODACTYLINI

Dichelonyx Harris 26–6
(*Dichelonycha* Kby. 37–133)
13649. elongata (Fab.) 92–170 Can. N.J. Kan.
elongatula (Schön.) 17–210 [Ind.
hexagona (Germ.) 24–124

Dichelonyx Harris
linearis (Gyll.) 17–186
virescens Kby. 37–134
13650. canadensis Horn 76–186 Can.
51. subvittata Lec. 56–279 Me.-Minn. Ind.

Dichelonyx Harris

13652. diluta Fall 01–283 Mass.Va.Mich. Ind.
53. fuscula Lec. 56–281 So.Cal. L.I. Ga. Mo. Ind.
54. testacea Kby. 37–135 Vt.-Mont.Neb.
55. hacki Kby. 37–134 L.Sup.-Wash.
56. testaceipennis Fall 07–249 N.Mex.
57. fulgida Lec. 56–279 No.Cal.-Vanc.
58. oregona VanD. 18–11 Or.
59. mormona Fall 07–249 Utah, N.Mex.
60. erotchi Horn 76–186 Cal. So.Cal.
61. vaga Fall 01–285 Cal. Nev.
62. nana Fall 01–286 So.Cal.
63. muscula Fall 01–286 So.Cal.
64. longiclava Fall 01–287 Cal.
65. pallens Lec. 56–283 Cal.
66. robusta Fall 01–288 Or.
67. clypeata Horn 76–187 Cal.
68. truncata Lec. 56–281 Neb.-So.Cal.
69. picea Horn 94–396 L.Cal.
70. pusilla Lec. 56–282 So.Cal.
71. decolorata Fall 01–290 Cal.
72. valida Lec. 56–281 Cal. Or.
73. vieinaFall 01–291 Cal.
74. sulcata Lec. 56–281 Colo. N.Mex.

Dichelonyx Harris

13675. lateralis Fall 01–292 Cal. Nev.
76. albicollis Burm. 55–74 Can.Pa.Mich. Ind.

Cœnonycha Horn 76–192

13677. rotundata (Lec.) 56–281 Or.-So.Cal.
78. socialis Horn 76–192 L.Cal. Is.
79. clementina Csy. 09–281 L.Cal. Is.
80. ovipennis Horn 76–193 Nev.
81. parvula Fall 01–293 So.Cal.

Gymnopyge Linell 95–723

13682. hoplieformisLinell95–723 So.Cal.
83. coquilletti Linell 95–724 So.Cal.
84. pygmæa Linell 95–724 Utah

Macrodactylus Latr. 25–371
(*Stenothorax* Harris 26–8)

13685. subspinosus (Fab.) 75–39 Atl.-Colo. Va.
elongatus || (Hbst.) 89–145 [Ind.
polyphagus Burm. 55–57
angustatus Lec. 56–278♂
barbatus Fitch 65–199
86. angustatus(Beauv.) 05–30 So.St.-Pa. Ind.
setulosus Lec. 56–277 ♀ Fla. [Ariz.?
87. uniformis Horn 76–185 Ariz.

HOPLIINI

Leconte 80

Hoplia Ill. 03–226

13688. sackeni Lec. 80–192 Cal. So.Cal.
89. callipyge Lec. 56–285 Cal. So.Cal.
90. hirta Lec. 80–193 Nev.
91. pubicollis Lec. 56–285 So.Cal. Or.
convexula Lec. 56–285 Cal.
mutata Harold 70–1113 Or.
irrorata || Lec. 57–40
oregona Lec. 56–284 Or.
92. laticollis Lec. 56–284 Kan. Utah
93. dispar Lec. 80–192 Cal. Nev.
94. trifasciata Say 25–200 Atl.St. Ind.
helvola Melsh. 46–142 ♀ Va. [Nfld.

Hoplia Ill.

primoria Burm. 55–192
a. tristis Melsh. 46–141♂
13695. trivialis Harold 70–1115 Pa. N.Y. Ind.
debilis || Lec. 56–285
96. mucorea Germ. 24–129 Atl.St. Fla.
monticola Melsh. 46–141 Pa.
97. limbata Lec. 56–286 Ind. W.St.
modesta Hald. 44–304 Nfld. Atl.St.
singularis Burm. 55–192 [Ind.
a. barbata Blatch. 10–950 Ind.
98. equina Lec. 80–193 Mass. Fla.
99. floridana Fisher 18–140 Ind.

RUTELINÆ

Casey 15

ANOMALINI

Horn 84; Schaeffer 06, 07; Casey 15

Rhombonalia Csy. 15–5
(*Rhombonyx* ‡ auct.)

13700. cavifrons (Lec.) 67–52 Tex. N.Mex.
01. comes Csy. 15–6 Kan.
02. cochiseana Csy. 15–7 Ariz.
03. transversa Csy. 15–7 Tex.
04. carinifrons Bates 88–249 Mex. & Ariz.
05. apacheana (Wickh.) 13–30 Tex.
06. camancha (Wickh.) 13–29 N.Mex.

Anomalepta Csy. 15–8

13707. semilivida (Lec.) 78–403 Fla.
08. flaccida Csy. 15–10 Fla.

Anomala Sam. 19–191
(*Paranomala* Csy. 15–12)

A.

13709. binotata Gyll.17–106 N.Y. Va. Kan.
unifasciata (Say) 25–199 [Conn. Ind.

Anomala Sam.

marginella Lec. 54–81 N.Mex.

13710. ellipsis Csy. 15–15 Ariz.
luteipennis Horn 84–159 (nec Lec.)
11. compacta Csy. 15–15 La.
12. umbra Csy. 15–16 N.J.
13. servilis Csy. 15–16 Fla.
14. ludoviciana Schffr. 06–3 La. Kan. Ind.
pubescens Blatch. 10–984 Ind. [Fla.

B.

15. minuta Burm. 44–504 N.C. Fla.
a. mendica Csy. 15–20 Fla.

C.

16. cincta Say 35–181 Mex.
a. polychalca Bates 88–236 Tex.
17. subquadrata Csy. 15–21 Va. N.J.
18. stigmatella Csy. 15–22 Kan.
19. luteipennis Lec. 54–80 So.Tex.

Anomala Sam.
13720. flavipennis Burm. 44–249 N.C.-La. Ind.
dichroa Melsh. 46–140
a. modulata Csy. 15–23 Kan.
b. amissa Csy. 15–24 ?
21. peninsularis Schffr. 06–3 L.Cal.
22. nimbosa Csy. 15–26 Ariz.
?inconstans Burm. 44–252
23. delicata Csy. 15–27 Ariz.
24. clypealis Schffr. 07–68 Ariz.
25. centralis Lec. 63–78 So.Cal. L.Cal.
26. arida Csy. 15–29 Ariz.
27. papagoana Csy. 15–30 Ariz.
28. sagax Csy. 15–30 Ariz.
29. moquina Csy. 15–31 Ariz.
30. undulata Melsh. 46–140 Va. Fla. Neb.
maculata (Cast.) 35–136 Ind.
varians (Fab.) 01–173 pars.
31. nigropicta Csy. 15–33 N.C. Ky. Fla.
a. canadensis Csy. 15–33 Ont.
b. floridana Csy. 15–33 Fla.
c. saginulata Csy. 15–34 Ind.-Kan.
32. innuba (Fab.) 87–22 Pa. Fla. Neb.
dubia Blatch. 10–984 Ind.
a. piceola Csy. 15–35 Fla.
33. medorensis Csy. 15–35 Kan.

D.

34. antennata Schffr. 06–1 N.Mex.
35. tenera Csy. 15–37 Ariz.
?flavilla Bates 88–226 Ariz. Mex.
36. parvula Burm. 44–247 Ga. Fla.
(*Oliganomala* Csy. 15–38)
37. exigua (Sz.) 78–362 Fla.
(*Anomalopus* Csy. 15–40)
38. tibialis Schffr. 06–5 Tex.

Pachystethus Blanch. 50–180
(*Spilota* || Burm. 44–266)
(*Pœcilosticta* Kr. 91–290)

Pachystethus Blanch
13739. marginata (Fab.) 75–164 Fla. Mo.
annulata (Germ.) 24–121 [N.Mex. Ind.
40. ineolumis Csy. 15–43 Fla.
(*Hemispilota* Csy. 15–45)
41. lucicola (Fab.) 98–132 R.I.-Kan.Ind.
mœrens (Fab.) 01–174
atrata (Fab.) 01–174
pinicola (Melsh.) 46–141
42. oblivia (Horn) 84–163 N.C.
a. maritima Csy. 15–47 N.J.

Strigoderma Burm. 44–310
13743. pimalis Csy. 84–181 So.Ariz.
a. prolixella Csy. 15–53 So.Ariz.
44. subrutilans Csy. 15–54 So.Ariz.
45. obesula Csy. 15–54 Kan.
a. quaternaria Csy. 15–55 Kan.
46. texana Csy. 15–55 Tex.
47. arboricola (Fab.) 75–171 N.J. Can. Ind.
a. puritana Csy. 15–56 R.I.[Kan.Ariz.
b. virginica Csy. 15–56 Va.
c. irregularis Csy. 15–56 N.J.
d. testaceipennis Nonfried 93–295 Indian Res.
48. viridicollis Schffr. 07–72 N.Mex.
49. angustula Csy. 15–57 ?

Strigodermella Csy. 15–59
13750. pygmæa (Fab.) 98–133 N.J.-Fla.
51. floridana (Ohaus) 05–285 ♀ ?Fla.

Alamona Csy. 15–61
13752. parviceps Csy. 15–61 Tex.
53. latitibia Schffr. 07–71 Tex.

Popillia Serv. 25–367
13754. japonica Newm. 41–43 †N.J.

RUTELINI
Casey 15

Pelidnota MacL. 17–157
13755. punctata (L.) 58–557 Conn.Va.Ia.
a. strenua Csy. 15–72 Ind.? [Ind.
b. brevis Csy. 15–72 L.I.
c. notata Blanch. 50–212 Mex.Tex.Fla.
56. oblonga Csy. 15–73 La.
a. ponderella Csy. 15–73 D.C.
b. debiliceps Csy. 15–73 N.J.
57. lutea (Oliv.) 90–23 Fla.
a. brevicollis Csy. 15–74 Fla.
b. pallidipes Csy. 15–74 Va.-Miss.
c. texensis Csy. 15–74 Tex.
d. hudsonica Csy. 15–74 N.Y.
58. tarsalis Csy. 15–74 N.Y.
59. lucæ Lec. 63–78 L.Cal.
60. lugubris Lec. 74–54 Ariz.

Plusiotis Burm. 44–417
13761. gloriosa Lec. 54–221 Ariz. Tex.
62. woodi Horn 85–124 Tex.
63. ampliata Csy. 15–82 Ariz.
64. beyeri Skin. 05–289 Ariz.
a. ocularis Csy. 15–83 Ariz.

Plusiotina Csy. 15–84
13765. angusta Csy. 15–86 Ariz.

Plusiotina Csy.
13766. lecontei Horn 82–120 Ariz. N.Mex.

Chrysina Kby. 27–520
13767. beckeri Bates 89–411 Mex. Ariz.

Cotalpa Burm. 44–423
13768. subcribrata Wickh. 05–3 Kan.
69. lanigera (L.) 60–350 Conn.N.J.Ind. Fla.
a. obesa Csy. 15–90 Ind. Ia. Wis.
b. vernicata Csy. 15–91 Va. N.Y.
70. molaris Csy. 15–90 La.
71. consobrina Horn 71–337 Ariz.
72. flavida Horn 78–53 Utah, Ariz.
73. tau Wickh. 05–2 Ariz.

Pocalta Csy. 15–92
13774. puncticollis (Lec.) 63–78 N.Mex. Ariz.
75. ursina (Horn) 67–168 So.Cal.
76. lævicauda Csy. 15–95 So.Cal.
77. brevis Csy. 15–95 So.Cal.
78. rotunda Csy. 15–96 So.Cal.
79. seriata Csy. 15–96 So.Cal.
80. rubripennis Csy. 15–97 So.Cal.

† Introduced.

Pocalta Csy.
13781. nigripennis Csy. 15–97 So.Cal.
82. pubicollis Csy. 15–98 Utah
83. granicollis(Hald.)52–374 Utah-Or. So.Cal.

Parareoda Csy. 15–99
(*Byrsopolis* ‡ auct. nec Burm. 44–425)
13784. rufobrunnea Csy. 15–100 Ariz.
85. arizonæ Ohaus 12–313 Ariz.
— ?lanigera Bates 88–291 Ariz.

Parareoda Csy.
— ?chihuahuæ Bates 88–291 Ariz.

Rutela Latr. 17–283
13786. formosa Burm. 44–383 W.I. Fla.

Polymœchus Lec. 56–23
13787. brevipes Lec. 56–24 Pa. N.Y. N.C. Ill. Ind. Fla.
a. discernens Csy. 15–104 Ind.
88. conicicollis Csy. 15–104 Pa.

DYNASTINÆ

Casey 15

CYCLOCEPHALINI

Anoplocephalus Schffr. 06–259
13789. cribrifrons Schffr. 06–260 Ariz.

Ancognatha Er. 47–97
13790. perspicua Csy. 15–126 Ariz.
91. manca (Lec.) 66–382 Ariz.
92. zuniella Csy. 15–127 N.Mex.

Spilosota Csy. 15–130
(*Cyclocephala* ‡ auct. nec Latr. 29–552 pars)
13793. lurida (Bland) 63–354 Tex. Ariz.
94. hirta (Lec.) 61–346 So.Cal.
95. magister Csy. 15–132 So.Cal.
96. pallidissima Csy. 15–133 Tex. N.Mex.
97. inconspicua Csy. 15–133 So.Cal. [Ariz.
— nigricollis Burm. 47–50 "N.Am." Ind.
— robusta Lec. 66–79 Tex.

Ochrosidia Csy. 15–141
I A.
13798. parallela Csy. 15–144 Fla.
99. protenta Csy. 15–144 Ala. La.
13800. rufifrons Csy. 15–145 Mo. Kan. Okl. Tex.
01. immaculata (Oliv.) 90–29 Va. N.C.-Mo. Kan. Ind.
nigrifrons (Panz.) 94 Fla. & Miss.
frontalis (Sturm) 43–116 [So.Cal. Ariz.
02. tenuicutis Csy. 15–146 Kan.
03. villosa (Burm.) 47–54 N.Y. Pa. Ala. Ind. So.Cal.
04. puberula (Lec.) 63–80 Ga. Fla.
05. pagana Csy. 15–148 Iowa
06. pasadenæ Csy. 15–148 So.Cal.

Ochrosidia Csy.
13807. validiceps Csy. 15–148 So.Ariz.
08. arizonica Csy. 15–149 So.Ariz.
09. melina Csy. 15–149 N.Mex. Tex.
a. pusilla Csy. 15–150 Tex.
10. facilis Csy. 15–150 N.Mex.
11. ovulata Csy. 15–151 Ariz.
I B.
12. abrupta Csy. 15–152 Cal.
13. reflexa Csy. 15–153 Or.
14. phasma Csy. 15–153 So.Cal.
15. modulata Csy. 15–154 Ariz.
16. rugulifrons Csy. 15–154 Ariz.
17. ambiens Csy. 15–155 Ariz.
18. marcida Csy. 15–155 Tex.
19. obesula Csy. 15–156 Cal.
20. oblongula Csy. 15–156 Cal.
21. prona Csy. 15–157 Ariz.
22. rustica Csy. 15–157 Cal.
23. longula (Lec.) 66–79 L.Cal. So.Cal.
24. seditiosa (Lec.) 66–79 Miss. [Ariz.

Dichromina Csy. 15–160
13825. dimidiata (Burm.) 47–57 Ariz. So.Cal.
26. elegans (Horn) 71–337 L.Cal.

Dyscinetus Harold 69–123
(*Chalepus* || MacL. 19–149)
13827. obsoletus (Lec.) 54–222 Ariz.
a. gilanus Csy. 15–168 Ariz.
28. punctatauda Csy. 09–282 Kan. Colo.
29. trachypygus(Burm.)47–79 L.I.La.Ia.Ind.
a. discedens Csy. 15–171 Pa. [Fla.Conn.
30. borealis Csy. 15–171 N.Y.

ORYCTINI

(*Pentodontini*)

Casey 15

Ligyrodes Csy. 15–179
13831. clypealis Csy. 15–181 N.J.
32. parviceps Csy. 15–182 Ia.
33. quadripennis Csy. 15–182 Tex. La. Ill.
34. relictus (Say) 25–194 R.I.-Ia. Ind.
a. vernicicollis Csy. 15–183 Ia. [Fla.?

Euetheola Bates 88–314
13835. rugiceps (Lec.) 56–21 Ga.-Tex.
36. subglabra (Schffr.) 09–383 Ariz.

Ligyrus Burm. 47–542
I.(*Grylius* Csy. 15–189)
13837. bryanti (Riv.) 91–97 L.Cal.

Ligyrus Burm.
?lævicollis Bates 88–316 Fla. ?Mex.
II. (*Ligyrus* s.str.)
(*Bothynus* ‡ Lec.)
13838. longulus Csy. 15–193 L.I.
39. virginicus Csy. 15–193 Va.
40. parallelus Csy. 15–194 Tex.
41. remotus Csy. 15–194 N.J.
42. texanus Csy. 15–195 Tex.
43. gibbosus (DeG.) 74–187 Conn.N.J.N.C. La.Ind.So.Cal. Ariz.
juvencus (Fab.) 75–18 Fla. Ia. Kan.

Ligyrus Burm.
variolosus (Burm.) 47–121 Pa.
morio (Lec.) 48–87
a. punctieauda Csy. 15–195 Miss.
13844. breviusculus Csy. 15–196 N.J.
a. lacustris Csy. 15–196 N.Ill.
45. laticauda Csy. 15–197 No.Atl.St.
46. lætulus Csy. 15–197 Tex. Ia. Ind.
47. neglectus (Lec.) 48–87 Fla.
48. bicorniculatus Csy.15–198 Kan.
49. rubidus Csy. 15–198 Colo.
a. luculblandus Csy. 15–199 Colo.
50. curtipennis Csy. 15–199 N.Mex.
51. effetus Csy. 15–200 N.Mex.
52. obsoletus (Lec.) 48–87 Colo.
53. arizonensis Csy. 15–201 Ariz.
54. spissipes Csy. 09–283 N.Mex. Tex.
55. brevipes Csy. 15–202 Tex.
56. lævicauda Csy. 15–202 N.Mex.
57. californicus Csy. 09–283 So.Cal.
a. laticollis Csy. 15–203 So.Cal.
58. scitulus Csy. 15–203 So.Cal.

III. (*Anagrylius* Csy. 15–204)
59. tumulosus (Burm.) 47–101 (?S.C.W.S.) So.Cal.

Oxygrylius Csy. 15–208
13860. ruginasus (Lec.) 56–20 Tex.
61. pimalis Csy. 15–209 So.Ariz.
62. peninsularis Csy. 15–209 L.Cal.

Pseudaphonus Csy. 15–210
13863. debiliceps Csy. 15–211 Colo.
64. pyriformis (Lec.) 48–88 N.Mex.
65. ovalis Csy. 15–212 N.Mex.
66. repens Csy. 15–212 N.Mex.
67. lucidus Csy. 15–213 Colo. N.Mex.

Aphonus (Lec. 56–2)
(*Bothynus* ‡ Lec. pars.)
(*Podalgus* ‡ Melsh. pars.)
13868. tridentatus (Say) 23–209 Conn.Wis.Ark.
69. elongatus Csy. 15–215 Me. [Ind.
70. aterrimus Csy. 15–216 Me. N.H.
?frater Lec. 56–22 N.J.
71. densicauda Csy. 15–216 Pa.
72. variolosus (Lec.) 48–88 Fla.
hydropicus (Lec.) 56–22
73. congestus Csy. 15–218 Ill.Mich.
74. politus Csy. 15–218 N.Y.
75. modulatus Csy. 15–219 Ind.
76. trapezicollis Csy. 15–219 N.C.
77. saginatus Csy. 15–220 Ala.
78. castaneus (Melsh.) 46–138 Md.Mass.R.I. N.C. Fla.
obesus (Burm.) 47–119 N.Y.
79. eubiformis Csy. 15–221 L.I.

Orizabus Fairm. 78–260
(*Cheiroplatys* Bates nec Hope)
13880. ponderosus Csy. 15–225 N.Mex. Tex.
81. fontinalis Csy. 15–226 N.Mex.
82. clunalis (Lec.) 56–23 ♂ Ariz.
ligyroides Horn 85–125 ♀
83. snowi Horn 85–124 N.Mex.

Anoplognatho Riv. 89–101
(*Aphonides* Riv. 89–6)
13884. dunnianus Riv. 89–101 Tex. Ariz.

Anastrategus Csy. 15–231
13885. cessus (Lec.) 66–382 Ariz. N.Mex.
a. cavicauda Csy. 15–233 N.Mex.?
86. inflatus Csy. 15–234 Ariz.
87. tantalus Csy. 15–235 Ariz.
88. cognatus Csy. 15–236 Fla.
89. splendens (Beauv.) 05–89 N.C.-Fla.
90. carolinensis Csy. 15–237 N.C.

(*Oryctini*)[1]

Casey 15

Strategus Hope 37–87
(*Strategus* s.str.)
13891. roosevelti Csy. 15–241 Tex.
92. julianus Burm. 47–133 Miss.-W.Tex.
a. arizonicus Schffr. 15–51 Ariz.
93. tarsalis Csy. 15–243 Tex.

(*Strategodes* Csy. 15–245)
94. divergens Csy. 15–246 Gulf St.
95. atrolucens Csy. 15–247 Fla.
96. antæus (Fab.) 75–9 Fla.-Ala.
97. pinorum Csy. 15–248 N.C. Ala.
98. septentrionis Csy. 15–249 N.J. (R.I.?)
99. sinuatus Csy. 15–250 Ala.

Strategus Hope
13900. semistriatus Csy. 15–250 Tex.
01. mormon Burm. 47–130 Kan.
?bosci (Beauv.) 05–89 S.C.

Xyloryctes Hope 37–90
13902. satyrus (Fab.) 75–12 Conn.-Tex.
?americanus(Beauv.)05–75 N.Am.
03. ?verticalis (Fall) 05–272 N.Mex.
04. lacustris Csy. 15–255 Mich. L.Sup
a. tenuicornutus Csy.15–255 Neb.?
05. faunus Csy. 95–609 Ariz.
06. obsolescens Csy. 15–256 Wis.
07. hebes Csy. 15–257 N.Mex.

DYNASTINI

Casey 15

Dynastes Kby. 40–568
13908. tityus (L.) 58–542 Ind. Tex. Ala.
marianus (L.) 58–549 S.C. [Fla.
pennsylvanicus (DeG.) 74–309
a. corniger Sternberg 10–26 Tex. [S.C.
09. granti Horn 70–78 Ariz.

Megasominus Csy. 15–261
(*Megasoma* ‡ auct.)
13910. thersites (Lec.) 61–339 L.Cal.

[1] Casey's classification of 1915 (Mem. VI) is modified by a letter dated Jan. 8, 1918, reducing the rank of his former separation of the Pentodontini and Oryctini.

PHILEURINI

Casey 15

Phileurus Latr. 07–103

13911. truncatus (Beauv.) 05–41 So.St. Fla.
12. vitulus Lec. 66–80 L.Cal.
13. illatus Lec. 54–80 Ariz. So.Cal.
14. phœnicis Csy. 15–267 Ariz.
15. puncticollis Csy. 15–268 So.Ariz.
16. texensis Csy. 15–268 Tex. La.
17. sulcifer Csy. 15–269 La.-Fla.
a. carolinæ Csy. 15–269 N.C.

Phileurus Latr.

13918. floridanus Csy. 15–270 Fla.
?valgus (L.) 58–546 So.Am.&U.S.?
?castaneus Hald. 44–304 Ala.? [Ind.Fla.

Archophileurus Kolbe 10–334

13919. cribrosus (Lec.) 54–80 Tex.
20. bullatus Csy. 15–274 Tex.

CETONIINÆ

Casey 15

GYMNETINI

Gymnetis MacL. 19–153

13921. sallei Schaum 49–255 Tex.Mex.Ariz.
marmorea Burm 42–285 Mex.
tristis Burm. 45–551 Mex.
22. argenteola Bates 89–354 Mex. Ariz.
a. lætula Csy. 15–281 Ariz.

(*Gymnetina* Csy. 15–284)

23. cretacea Lec. 66–80 Ariz.

Cotinis Burm. 42–254

(*Allorrhina* ‡ Burm. 42–251)

13924. texana Csy. 15–287 Tex.
mutabilis ‡ G.&P. 33–334 Mex.
25. arizonica Csy. 15–287 Ariz.

Cotinis Burm.

13926. abdominalis Csy. 15–288 Tex. Ariz.
27. debiliceps Csy. 15–289 Va.
28. longula Csy. 15–290 Ind.?
29. angustula Csy. 15–290 Va.
30. parvula Csy. 15–291 N.C.
31. nitida (L.) 64–26 Conn.-Va.-La.
flagranticeps Voet 66–16 [Ind. Fla.
a. ornata Csy. 15–291 Tex.
b. tibialis Csy. 15–292 ?
c. pygidialis Csy. 15–292 Mo.
32. longitarsis Csy. 15–292 Tex.
a. seriella Csy. 15–293 Tex.
33. impia (Fall) 05–272 Ariz.

CETONIINI

Euphoria Burm. 42–370

I. (*Euryomia* ‡ auct.)

(*Erirhipis* Burm. 42–385)

13934. holochloris Fall 05–273 Ariz.
35. limbalis Fall 05–273 Fla.
fulgida var. Sz. 78–451
36. fuscocyanea Csy. 15–303 Tex.
37. fulgida (Fab.) 75–48 Ct.-Mich.-Ind. [Tex.
38. herbacea (Oliv.) 90–35 N.Y.-Md.
antennata (G.&P.) 33–177
pubera (Gyll.) 17–53
a. occidentalis Knaus 16–82 Kan.
39. testacea Csy. 15–305 N.Mex. Ariz.
a. rufina (G.&P.) 33–206 Ariz.
subtomentosa ‡ Mann. 37–135
histrionella ‡ Schffr. 07–74
— californica Lec. 66–80 (L.Cal.?)
?leucographa ‡ auct. nec G. & P.

II. (*Erirhipidia* Csy. 15–308)

40. inda (L.) 64–27 Conn. Fla. Neb. Ind. Ariz.
marylandica (Froel.) 92–116
barbata (Say) 23–239
brunnea (G.&P.) 33–267 Mex.
a. nigripennis Klages 94–198 Pa. Can.
41. rufobrunnea Csy. 15–309 N.Mex.-Wash.
42. schotti Lec. 53–441 Tex.

III. (*Haplophoria* Csy. 15–310)

43. clarki Lec. 53–441 Kan.-N.Mex.
44. wichitana Csy. 15–312 Kan.
45. connivens Csy. 15–312 Tex. Ariz.
46. kerni Hald. 52–374 Tex. N.Mex. Colo.

Euphoria Burm.

13947. texana Schauf. 63–113 Tex. Kan.
48. æstuosa Horn 80–400 Kan. [Colo.

IV. (*Euphorhipis* Csy. 15–314)

49. histrionica Thoms. 78–27 Ariz.
sonoræ Bates 89–374
50. scabiosa Csy. 15–316 Ariz.

V. (*Rhipiphoria* Csy. 15–316)

51. arizonica Schffr. 07–73 Ariz.

VI. (*Euphoria* s.str.)

52. nitens Csy. 15–320 Tex.
melancholica Horn nec G.&P. Fla.
53. sepulchralis (Fab.) 01–156 Tex. La. Mo.
reichei (G.&P.) 33–210 Mex. [Ind.Fla.
a. kansana Csy. 15–321 Kan. La.
b. crinitula Csy. 15–321 So.Ill. Mo.
c. floridana Csy. 15–321 Fla.
d. cuprascens Csy. 15–322 Kan.
54. appalachia Csy. 15–322 Md.-No.Ala.
55. scolopacea Csy. 15–322 N.C.-Fla.
56. oxysternum Csy. 15–323 Ind.
57. fascifera (Lec.) 61–336 L.Cal.
a. trapezium Csy. 15–324 Ariz.

VII. (*Isorhipina* Csy. 15–326)

58. devulsa Horn 80–402 Tex.

VIII. (*Parisorhipis* Csy. 15–332)

59. insignis Csy. 15–333 Tex.
— ?discicollis Thom. 78–28 N.Am.

Euphoriaspis Csy. 15–333

13960. hirtipes (Horn) 80–401 Neb.

Tropinota Muls. 42–575
13961. vestita (Say) 25–201 Utah?Mass.
?hirtella (L.) 58–556 Eur. Asia, Sib.
?hirta Fab. 75–50

Anatropis Csy. 15–336
13962. verticalis (Horn) 80–400 N.Mex.So.Cal.

Stephanucha Burm. 42–394
13963. pilipennis Kr. 83–384 Kan.
64. areata (Fab.) 75–50 N.J. Conn.
65. thoracica Csy. 15–339 Fla.

CREMASTOCHEILINI

Casey 15

Psilocnemis Burm. 42–676
13966. leucosticta Burm. 42–677 Md. N.C.
polita (Schaum) 44–397

Genuchinus Westw. 74–23
13967. ineptus (Horn) 85–127 Ariz. So.Cal.
68. angustus Csy. 15–344 Ariz.

Lissomelas Bates 89–376
13969. flohri Bates 89–376 Mex. Ariz.

Macropodina Csy. 15–344
13970. planata (Lec.) 66–81 Ariz.-Cal.
depressa (Horn) 71–340 So.Cal.
71. ampla Csy. 15–346 Cal.

Cremastocheilus Knoch 01–115
13972. harrisi Kby. 27–271 N.J. N.Y. Ct. Can. Ill. Ind. Fla.
73. canaliculatus Kby. 27–151 Mass.-N.C. Can. Ga. Ill.
hentzi Harris 25–386 [Ct. Ind.
74. castaneæ Knoch 01–115 N.Y.-N.C.
leconteï Westw. 74–60 [Colo. Ind. Ct.
75. pocularis Csy. 15–350 Man.
76. brevisetosus Csy. 15–350 Iowa
77. retractus Lec. 74–54 Tex. Ia.
walshi Westw. 74–60
78. incisus Csy. 15–351 Colo. Kan.
79. squamulosus Lec. 58–17 Fla. N.C. Ga.
junior Westw. mss.
80. variolosus Kby. 26–516 M.St.N.C.Ct.
sayi Harris 25–388 Pa.
cicatricosus Westw. mss. S.C.
percheroni Westw. i.litt.
(*Myrmecicon* W. M. Mann 11–179)
81. nitens Lec. 53–232 Mo. Kan Neb.
82. cribripennis Csy. 15–354 So.Cal. [Ariz.?
83. armatus Walk. 66–320 Vanc.-No.Cal. E.Wash.

Cremastocheilus Knoch
pilosicollis Horn 79–390 So.Cal. Nev.
13984. maritimus Csy. 15–355 Cal. [Or.Wash.
85. densicollis Csy. 15–355 No.Cal.
86. obliquus Csy. 15–356 Wash.
87. montanus Csy. 15–357 No.Cal. Or.
88. congener Csy. 15–357 Wash.
89. angularis Lec. 57–37 Cal.
90. compressipes Csy. 15–358 Cal.
91. mexicanus Schaum 41–256 Ariz.
92. crinitus Lec. 74–55 N.Mex. Tex. So.Cal.
93. bifoveatus VanD. 18–14 Ariz. B.C.
94. pugetanus Csy. 15–359 Wash. Id. Ut.
95. knochi Lec. 53–231 Mo. Man.-N.Mex.-Ill.
crenicollis Westw. 74–65 [Ind.
a. gracilipes Csy. 15–360 Kan.
b. areolatus Csy. 15–361 ?
96. tibialis Csy. 15–361 Ariz.
97. schaumi Lec. 53–231 So.Cal.
crassipes Westw. 74–204
98. westwoodi Horn 79–389 So.Cal.
schaumi Westw. nec Lec.
99. tridens Csy. 15–363 So.Cal.
14000. quadratus Fall 12–43 Ariz.

Trinodia Csy. 15–365
14001. saucia (Lec.) 58–16 Kan. Colo. Neb. Tex.
02. hirsutus (VanD.) 18–13 Ariz.
03. spinifer (Horn) 85–126 Tex.
04. opacula (Horn) 94–399 L.Cal. Ariz.
05. setosifrons Csy. 15–368 Kan.
06. quadricollis Csy. 15–368 Tex.
07. planipes (Horn) 85–127 Ariz.
(*Anatrinodia* Csy. 15–369)
08. wheeleri (Lec.) 76–516 Neb.Colo.Cal. Mont. So.Cal.

TRICHIINI

Casey 15

Osmoderma Serv. 25–702
(*Gymnodus* Kby. 37–140)
14009. delicatula Csy. 15–373 Mc.
10. scabra (Beauv.) 05–58 Conn.Md.Ind.
beauvoisi Bainb. 42–215
foveatus (Kby.) 37–140
a. rugosa Kby. 37–140 Pa. N.Y.
b. gracilipes Csy. 15–374 Wis.
11. caviceps Csy. 15–374 Mich.
a. lacustrina Csy. 15–375 Mich.
12. eremicola Knoch 01–105 N.Y. Va. Mo. Wis.Ind.Conn.
a. subplanata Csy. 15–376 Mo.

Osmoderma Serv.
— socialis Horn 71–338[1]

Gnorimella Csy. 15–378
(*Gnorimus* ‡ auct.)
14013. maculosa (Knoch) 01–109 Pa. Va. Ind.
bigsbyi (Kby.) 27–155 [Fla.Conn.
dissimilis (G.&P.) 33–102

Roplisa Csy. 09–284
14014. floridana Csy. 09–284 Fla.

Trigonopeltastes Burm. 40–406
14015. delta (Forst.) 71–7 N.C. Fla. Tex.

[1] Described from a series of O. eremita of Europe, erroneously labeled.

Trichiotinus Csy. 15–381
(*Trichius* ‡ auct.)
14016. piger (Fab.) 75–40 N.C. Mass.-Wis. La. Ind.
drummondi (G.&P.) 33–88 [Fla.
rotundicollis (Kby.) 37–138
17. texanus (Horn) 76–195 Tex. Fla.
a. monticola Csy. 15–383 N.Mex.
18. intermedius Csy. 15–384 La.
19. reductus Csy. 15–384 N.C.
20. rufobrunneus Csy. 14–375 Fla.
21. obesulus Csy. 14–375 Fla.
22. assimilis (Kby.) 37–137 Wis.-Colo.
bistriga (Newn.) 38–170
23. viridans (Kby.) 37–137 L.Sup.
mutabilis (Schaum) 44–400
24. ventricosus Csy. 15–387 Mich.
25. affinis (G.&P.) 33–93 R.I.Mich.N.C.
variabilis (Schaum) 41–240 [Ind. Fla.
26. parvulus Csy. 15–388 N.Y.

Trichiotinus Csy.
14027. bibens (Fab.) 75–40 Pa.-N.C. Ind.
bidens (Oliv.) 90–62
28. viridulus (Fab.) 75–820 La.-Tex. Fla.
virens (L.) 88–1584
a. semiviridis (Csy.) 14–376 Fla.
b. rasilicauda Csy. 15–390 Ala. Fla.
c. rufiventris Csy. 15–390 N.C.
29. lunulatus (Fab.) 75–41 N.C.
carolinensis (Csy.) 14–376 N.C.

Valgus Scriba 90–66
(*Homoralgus* Kolbe 97–214)
14030. squamiger (Beauv.) 05–59 Conn. N.C. Ia.
seticollis (Beauv.) 05–59 [Ind.
(*Acanthurus* Kby. 27–155)
31. canaliculatus(Fab.)75–121 Pa. N.C. Ky.
variegatus (Beauv.) 05–59 [Ind.
32. minutus Csy. 09–283 La.
33. californicus Horn 70–78 Cal.

LUCANIDÆ

MacLeay 19; Fuchs 83; van Roon 10

LUCANINÆ

Pseudolucanus Hope 45–30
14034. capreolus (L.) 64–32 N.Y. Pa. Ill. D.C. Ind.
dama (Fab.) 01–249 [Conn.
muticus (Thunb.) 06–205
trigonus (Thunb.) 06–200
35. mazama (Lec.) 61–345 N.Mex. Utah Ariz.

Pseudolucanus Hope
14036. placidus (Say) 25–202 Ill. Pa. Ind.
lentus (Cast.) 37–171

Lucanus Scop. 63–1
14037. elaphus Fab. 75–2 N.C. Va. Ill.
cervus var. DeG. 74–33 [Ind. Okla.
a. carlengi Angell 16–70 Ky. No.Ill.

DORCINÆ

Dorcus MacL. 19–111
14038. brevis Say 25–202 N.J. Va.
39. parallelus Say 23–248 N.Y.S.C.Tenn. Ind. Md. Pa.
costatus Lec. 66–380 ♀ [Conn.
oblongus Charp. 25–214
?voeti Schön. 06–326
a. carnochani Angell 16–70 N.Y.
40. nanus Csy. 09–278 Ind.?

Platycerus Geof. 62–62
(*Systenocerus* Weise Eur. Cat.)
14041. quercus Web. 01–85 N.Y. Pa. N.C. D.C. Ind.
securidens Say 23–249 [Conn.
?virescens (Fab.) 94–87
a. angustus Csy. 09–280 Colo.?
b. iowanus Csy. 09–280 Iowa
42. peregrinus Csy. 09–280 Or.

Platycerus Geof.
14043. oregonensis Westw.44–106 Or.Cal.
a. cœrulescens Lec. 61–345 ♂ So.Cal.
44. chalybæus Csy. 97–639 Cal.
45. depressus Lec. 50–224 L.Sup. Dak. Colo. Il.B.T.
?piceus Kby. 37–141 [Ariz. Nfld.
46. marginalis Csy. 97–639 Wash.
47. agassizi Lec. 61–345 Cal.
48. laticollis Csy. 14–373 Or.
49. pacificus Csy. 89–165 Cal.
50. parvicollis Csy. 89–164 Cal.
51. californicus Csy. 85–331 No.Cal. Or.
52. thoracicus Csy. 95–154 Cal.
pedicellaris Möll. 11–302 Cal.
53. latus Fall 01–291 Cal.
54. opacus Fall 06–393 Cal.
55. keeni Csy. 95–153 Alas.

ÆSALINÆ

Diphyllostoma Fall 01–324
(*Phyllostoma* || Fall 01–290)
14056. fimbriata Fall 01–290 Cal.
57. nigricollis Fall 12–42 Cal.

Ceruchus MacL. 19–115
(*Platycerus* || Latr. 07–133)

Ceruchus MacL.
14058. piceus (Web.) 01–84 N.Y. Pa. O. D.C. Ind.
balbi Cast. 37–174 [Conn.
quercicola Melsh. ined.
59. virginiensis Csy. 14–372 W.Va.
60. punctatus Lec. 69–377 Colo. Wash.

Ceruchus MacL.
14061. striatus Lec. 59–85 Wash.Or.Cal.

Nicagus Lec. 60–139
14062. obscurus (Lec.) 48–86 N.Y. Ind.

SINODENDRINÆ

Sinodendron Hellw. 94–391
(*Lignipcrda* Fab. 01–18)
14063. rugosum Mann. 43–262 So.Cal. Or. Wash.

Sinodendron Hellw.
?americanum Beauv.05–192 N.Am.

PASSALIDÆ

Passalus Fab. 92–11
14064. cornutus Fab. 01–256 Conn.Fla.Tex.
disjunctus Ill. 22–78 [Ind.
distinctus Web. 01–79
?interruptus L. 64–35

Neleus Kaup. 69–30
14065. tlascala Perch. 35–45 Mex. L.Cal.

CERAMBYCOIDEA

CERAMBYCIDÆ

PRIONINÆ

Casey 12; Lameere 13

Parandrini

Parandra Latr. 04–252
(*Archandra* Lmr. 12–114)
14066. polita Say 35–192 C.Am. Mex. Ariz. So.St.
cylindrica Thoms. 60–82 [Ind. Va. Tex.
(*Neandra* Lmr. 12–114)
67. brunnea (Fab.) 98–49 Conn. Ind. So.Cal.

Parandra Latr.
purpurea (Hbst.) 99–21 N.J.Pa.Vt.Ga.
sayi Thoms. 67–114 Colo. Cal.
quadricollis Thoms. 67–114
conformis Thoms. 67–115
dentata Thoms. 67–115
minuta Thoms. 67–116
14068. ampliceps Csy. 12–216 Ind.
69. gravidula Csy. 12–216 Pa. & Westw.

Macrotomini

Archetypi
Strongylaspis Thoms. 60–313
14070. corticaria (Er.) 48–571 W.I. So.Fla.
scobinata Thoms. 60–313

Basitaxi
Archodontes Lmr. 03–216
(*Aplagiognathus* Thoms. 64–307 pars)
(*Apagiognothus* ‡ err. typ.)
14071. melanopus (L.) 67–623 So.Atl.St. Ga. Fla. So.Cal.
a. cilipes (Say) 23–327 Tex.
simplicicollis (Hald.) 47–30
biimpressus (Hald.) 47–30
dasystomus (Hald.) 47–31
b. serrulatus (Lec.) 54–82 Ariz. Tex.
(*Paramallus* Csy. 12–227)
72. arizonicus (Csy.) 12–228 Ariz.

Stenodontes
Stenodontes Serv. 32–173
(*Mallodon* Serv. 32–176)

Stenodontes Serv.
14073. molarius Bates 79–9 C.Am. Mex.-L.Cal.
74. dasystomus (Say) 23–326 Ga. La. Tex.
melanopus (Hald.) 47–31 [Fla. Va.
spinibarbis (Hald.) 47–31
costulatus (Lec.) 52–111
degeneratus Thoms. 67–95
75. debile Csy. 12–222 Ala.
(*Nothopleurus* Lac. 69–125)
(*Opheltes* Thoms. 64–306)
76. lobigenis Bates 84–235 Mex.Tex.Cal.
dentiger Cr. Check List 73 [L.Cal.
gnatho || Lec. 58–81
mandibularis Gemm. 72–254 So.Cal.
(*Stenodontes* s. str.)
77. parallelus Csy. 12–225 So.Fla.
?exsertus (Oliv.) 95–66 W.I. (Fla.?)
mandibularis (Fab.) 01–261 [Metac. Key
lævigatus (Beauv.) 05–227

Callipogonini

Ergates Serv. 32–143
(*Trichocnemis* Lec. 52–110)
14078. spiculatus Lec. 52–110 No.Cal.-Vanc.
californicus White 53–37 ♂ [So.Cal.

Ergates Serv.
spiculiger White 53–39 ♀
a. neomexicanus Csy. 90–491 N.Mex. Colo.
marmoratus Ckll. 90–161

DERANCISTRINI

Derancistrus Serv. 32–181
(*Elateropsis* Chev. 62–269)
14079. scabrosus Gahan 90–29 Cuba & Fla. (Key West)
fuliginosus ‡ Chev. 62–271 nec Fab.

Derancistrus Serv.
(*Sphenostethus* Hald. 45–126)
14080. taslei Buq. 41–39 N.J.-La. Ind. N.C.Ky.M.St.
serripennis Hald. 45–126

PRIONINI

Derobrachi

Derobrachus Serv. 32–154
(*Orthosoma* Serv. 32–155)
14081. brunneus (Forst.) 71–37 Ct.N.E.Am. Ind.
unicolor (Drury) 73–83 N.Y.Atl.St. N.J.S.C.N.C. Ky.Ga.Fla.
pennsylvanicus (DeG.) 75–99
cylindricus (Fab.) 81–207
cylindroides (Gmel.) 89–1818
sulcatus (Oliv.) 95–66
amplians Csy. 12–231 Ind.
spadix Csy. 12–231 L.I.
(*Derobrachus* s.str.)
(*Braderochus* Lac. 69–74 pars)
14082. brevicollis Serv. 32–155 Ga.La.Fla.
83. geminatus Lec. 53–233 Ariz.S.W.U.S. Tex.
a. forreri Bates 84–230 So.Cal.Mex. L.Cal.

Prioni

Prionus Fab. 75–159 [1]
14084. laticollis (Drury) 73–83 Ind.Can.Atl. St.D.C.N.Y.
brevicornis Fab. 01–260 [N.J.Ga.La.
kempi Csy. 12–233 N.Y.
oblongus Csy. 12–234 Ind.
parvus Csy. 12–234 ?
validiceps Csy. 12–235 ?
85. pocularis Dalm. 17–148 M.&So.St.Ind. Conn.Fla.Ga.
laevigatus Harris 36–83 [N.C.
obliquicornis Lec. 52–108 Ga.
prolixus Csy. 12–239 ?
bicolor Csy. 12–239 Ind.
curticornis Lec. 52–109 Ga.
86. californicus Mots. 45–89 So.Cal.-Or.
crassicornis Lec. 52–108 Or.Alas.
a. lecontei Lmr. 12–244 Cal.
87. curvatus Lec. 59–19 N.Mex.
spiculosus Csy. 12–240 Ariz.
consors Csy. 12–240 Colo.

Prionus Fab.
acomanus Csy. 12–241 N.Mex.
proximans Csy. 12–241 N.Mex.
angustulus Csy. 12–241 Ariz.
horni Lmr. 12–243 Ariz.
ineptus Csy. 12–242 Cal.
punctulatus Csy. 12–243 Ariz.
fissifrons Csy. 12–243 Ariz.
texanus Csy. 12–243 Tex.
terminalis Csy. 12–244 Ariz.
14088. heroicus Semen. 07–259 Ariz.
heros || Fall 05–274
tumidus Csy. 12–235 N.Mex.
vastus Csy. 12–236 Ariz.
tristis Csy. 12–236 N.Mex.
alutaceus Csy. 12–237 Ariz.
tetricus Csy. 12–237 N.Mex.
solidus Csy. 12–238 Colo.
(*Neopolyarthron* Semen. 99–255)
(*Riponus* Csy. 12–245)
89. imbricornis (L.) 67–622 Ind.Ill.-La. Fla.N.Y.
a. debilis Csy. 91–21 Ind.Mo.Kan.
diversus Csy. 12–247 Ind.
cuneatus Csy. 12–247 N.C.
mimus Csy. 12–248 ?
brunneus Csy. 12–248 N.C.
(*Antennalia* Csy. 12–249)
90. fissicornis Hald. 45–125 Colo.Neb.Tex. N.Mex.N.C.
parviceps Csy. 12–250 Tex.
transversus Csy. 12–251 Tex.
(*Prionina* Csy. 12–231)
91. palparis Say 23–327 Neb.Ark.Ariz.
palpalis ‡ auct. [N.Mex.
92. simplex Csy. 12–253 Kan.
(*Homæsthesis* Lec. 62–288)
93. integer Lec. 52–107 Colo.N.Mex.
94. emarginatus Say 23–327 Colo.N.Mex.
innocuus Lec. 62–43(? ♀) N.Mex.
95. pubicollis Csy. 12–254 Colo.
96. debiliceps Csy. 12–255 Colo.

ANACOLINI

Tragosomæ

Tragosoma Serv. 32–159
14097. depsarium (L.) 67–624 No.Eur.Sib. & N.Am.
a. harrisi Lec. 52–107 Can.Nn.U.S. Nfld.Vanc. H.B.T.L.Sup. Ont.N.Y.Pa. Me.Or.Nev. Colo.

Tragosoma Serv.
b. spiculum Csy. 90–492 ♂ N.Mex.Ariz.
pilosicorne Csy. 90–492 ♀ Cal.

[1] In cataloguing the names proposed by Casey in Prionus, the introductory paragraph on p. 215 of his Mem. III, stating that some apply to forms connected by intermediates and destined to speedy extinction, coupled with the suggestion on p. 245 that the abnormal characters employed to distinguish some might not prove constant with more material, has been assumed to warrant such doubt as to their standing, as to cause the omission of numbers.

CERAMBYCINÆ[1]

Aurivillius 12

DISTENIINI

Distenia Serv. 25–485
14098. undata (Fab.) 75–181 Ind.Fla.Conn.
undulata (Gmel.) 90–1860

SMODICINI

Smodicum Hald. 47–38
14099. cucujiforme (Say) 27–277 Tex. Atl.St. Ind. Fla. Pa. N.J. La. Va.
cylindrides (Newn.) 38–394 [Conn.

Smodicum Hald.
a. convergens Csy. 12–269 Tex.

SPONDYLINI

(*Spondylidæ* Lec.)

Spondylis Fab. 75–159
14100. upiformis Mann. 43–304 Alas.-Neb.
01. laticeps Lec. 50–233 L.Sup. [Ariz.
02. collaris Csy. 12–218 Utah
03. robustula Csy. 12–219 Wash.
04. subpubescens Csy. 12–219 Cal.

Spondylis Fab.
14105. basalis Csy. 12–220 Wash.

Scaphinus Lec. 52–100
14106. muticus (Fab.) 01–265
sphæricollis (Lec.) 47–93 So.St. Ga. Fla.

ASEMINI

Asemina Craighead 15–8
Casey 12

Asemum Esch. 30–66
14107. mœstum Hald. 47–35 Alas. L.Sup.-
obsoletum Hald. 47–35 [Fla.
brunneum Hald. 47–35
substriatum Hald. 47–36 Mass.
a. juvencum Hald. 47–36
fuscum Hald. 47–36
striatum || Kby. 37–171
08. gracilicorne Csy. 12–258 Wis.
09. ebenum Csy. 12–258 L.Sup.
10. curtipenne Csy. 12–258 Wis.
11. amputatum Csy. 12–259 Mass.
12. atrum Esch. 30–66 Ut.-Wash.
13. parvicorne Csy. 12–260 Colo.
14. fulvipenne Csy. 12–260 Wyom.
15. costulatum Csy. 12–260 Br.Col.
16. pugetanum Csy. 12–261 Wash.
17. brevicorne Csy. 12–261 Ont.

Liasemum Csy. 12–262
14118. nitidum Lec. 73–169 Or. So.Cal.
19. mokelumne Csy. 12–262 Cal.

Nothorhina Csy. 12–263 (nec Redt.)
14120. aspera Lec. 54–18 Or. Vanc.
a. impressa Csy. 12–264 Colo. [No.Cal.
b. rectipennis Csy. 12–264 N.Mex.
21. spissicornis Csy. 12–264 Colo.
a. longicornis Csy. 12–264 Colo.
22. gracilipes Csy. 12–265 N.Mex.

Tetropium Kby. 37–174
14123. abietis Fall 12–320 Cal.
24. cinnamopterum Kby. 37–174 Alas.Can.N.H. N.J.Pa.L.Sup. Ind. Nfld.
25. parallelum Csy. 92–23 Colo. N.Mex.
26. columbianum Csy. 12–268 Br.Col.
27. schwarzianum Csy. 92–24 Mich.
28. velutinum Lec. 69–382 Cal.-Vanc.
29. parvulum Csy. 92–24 Ind. [Mon.
30. castaneum Payk. 00–36 Greenland

Criocephalus Muls. 39–63
14131. productus Lec. 50–36 Colo. Or. So.Cal.
32. agrestis (Kby.) 37–170 Nfld.Can.Lab. Me. L.Sup.
33. lacustrinus Csy. 12–267 Wis.
34. cervinus Csy. 12–267 Ind.
35. asperatus Lec. 59–19 So.Cal. Neb. N.Mex.-Mon.
36. filitarsis Csy. 12–266 Tex. [Cal.
37. cavicollis Csy. 12–266 Colo.
38. montanus Lec. 73–170 Colo.
39. obsoletus (Rand.) 38–27 Fla. W.N.Y. Can. Ind. Lab.
40. mexicanus Thoms. 50–260 Ariz.
obscurus Lec. 50–36
41. nubilus Lec. 50–26 Fla.
42. australis Lec. 50–35 Ga.

SAPHANINI

Opsimus Thoms. 60–377
14143. quadrilineatus Mann. 43–305 Alas. Or. Vanc. No.Cal.

Dicentrus Lec. 80–195
14144. blüthneri Lec. 80–195 No.Cal.

[1] Compare Craighead 15–8 on separation of subfamilies by larval characters.

OEMINI

Eucrossus Lec. 73–174
14145. villicornis Lec. 73–175 — So.Cal. Ariz. Nev.

Œme Newn. 40–8
(*Sclerocerus* Lec. 50–20)
14146. rigida (Say) 27–274 — Conn. Fla.
linearis (Harris) 37–85
indecora Newn. 40–8
mutica Hald. 47–374
47. costata Lec. 73–174 — Cal.
48. strangulata Horn 80–133 — Utah
49. gracilis Lec. 81–27 — So.Cal. N.Y.?

Haplidus Lec. 73–175
14150. testaceus Lec. 73–176 — Cal. Utah

Eudistenia Fall 07–82
14151. costipennis Fall 07–83 — So.Cal.

Malacopterus Serv. 33–565
(*Ganimus* Lec. 73–173)
14152. tenellus (Fab.) 01–335 — S.Am.-So.Cal.
lineatus Guér. 44–222
mexicanus Thoms. 60–248
vittatus Lec. 73–173

Dryobius Lec. 50–23
14153. sexfasciatus (Say) 23–415 — Ky. Ind. Miss. Valley.

METHIINI

Idœmea Horn 80–138
14154. californica Fall 02–256 — So.Cal.
55. fulleri Horn 80–138 — Tex.
56. texana Schffr. 08–351 — Tex.
(*Malthophia* Csy. 12–308)
57. oculata (Csy.) 12–309 — So.Cal.

Styloxus Lec. 73–239
14158. lucanus Lec. 73–240 — L.Cal.

Methia Newn. 42–418
(*Thia* || Newn. 40–18)
14159. æstiva Fall 70–86 — Cal.
60. arizonica Schffr. 08–352 — Ariz.
61. constricticollis Schffr. 08–351 — Tex.

Methia Newn.
14162. mormona Linell 96–399 — Utah
63. necydalea (Fab.) 98–148 — W.I. Fla.
pusilla Newn. 40–18
64. punctata Lec. 73–240 — W.I.

Tessaropa Hald. 47–375
(*Dysphaga* Lec. 52–143)
14165. bicolor Horn 85–196 — Tex.
66. debilis Horn 95–246 — L.Cal.
67. lævis Lec. 73–240 — Ill.
68. tenuipes (Hald.) 45–126 — N.Y. N.J. Pa.
ventralis Hald. 47–375 ♀
69. apicalis Csy. 14–371 — Pa.

ACHRYSONINI

Achryson Serv. 33–572
(*Geropa* Csy. 12–305)
14170. concolor Lec. 73–176 — Tex.
æquicollis Csy. 12–306 — Tex.

Achryson Serv.
(*Achryson* Serv. s. str.)
14171. surinamum (L.) 67–632 — S.Am.-U. S.
surinamense (Oliv.) 95–42 — [Tex. So.Ariz.

CERAMBYCINI

Hamaticherus Serv. 34–15
14172. mexicanus Thoms. 60–196 — So.Am. Mex.
castaneus Bates 70–250 — [L.Cal.

Atylostagma White 53–97
14173. glabrum Schffr. 09–99 — Ariz.

HESPEROPHANINI

Osmidus Lec. 73–177
14174. guttatus Lec. 73–178 — L.Cal.

Chrotoma Csy. 92–27
14175. dunniana Csy. 92–27 — Tex.

Zamodes Lec. 73–187
14176. obscurus Lec. 73–188 — Pa. N.J.

Tylonotus Hald. 47–37
14177. bimaculatus Hald. 47–134 — Pa. N.Y. Ind.

Stromatium Serv. 34–80
14178. fulvum (Villers) 89–256 — Cosmop.
unicolor (Oliv.) 95–58
79. pubescens Hald. 47–34 — Pa.

Gnaphalodes Thoms. 60–235
14180. trachyderoides Thoms. 60–236 — Tex. Mex. L.Cal.

Chion Newn. 41–23
(*Cerasphorus* Lec. 50–11)
14181. cinctus (Drury) 70–85 — Tex.Ind.Conn.
balteatus (DeG.) 75–111
garganicus (Fab.) 75–178
quadrispinosus Hald. 47–32
ruricola (Gmel.) 90–1860
rusticus (Fab.) 81–228
a. ochraceus Bates 84–243 — Mex. Fla.
b. sonorensis Schffr. 08–332 — Ariz.

Brothylus Lec. 59–80
14182. conspersus Lec. 83–285 — Or. No.Cal.
83. gemmulatus Lec. 59–280 — Cal. So.Cal.
84. subpubescens Schffr. 09–100 — Ariz.

Pantomallus Lac. 69–286
14185. ovicollis Lec. 73–180 — Tex.

EBURIINI

Eburia Serv. 34–8

14186. ulkei Bland 62–270 L.Cal.
87. semipubescens Fall 09–163 So.Cal.
88. stigmatica Chev. 34–60 Mex. Tex.
perforata Lec. 73–180
89. haldemani Lec. 50–102 Tex. Fla.
90. quadrigeminata (Say) 27–275 N.E.Amer.Atl. St. Ind. Fla.
quadrimaculata ‡ Oliv. 90–304

Eburia Serv.

14191. stigma (Oliv.) 95–126 W.I. Fla.
duvali Chev. 62–266
92. distincta Hald. 45–150 Ga. Miss.
93. mutica Lec. 53–233 Tex. Mex.
tumida Lec. 73–181 ♂
a. manca Lec. 58–24
conspersa Horn 95–399 L.Cal. Tex.

PHORACANTHINI OR ELAPHIDIONINI

Eustromula Ckll. 06–242
(*Eustroma* || Lec. 73–186)

14194. validum (Lec.) 58–82 Tex. L.Cal. So.Cal.

Axestinus Lec. 73–177

14195. obscurus Lec. 73–177 Tex.

Romaleum White 55–309

14196. atomarium (Drury) 70–93 M.& S.St. Ind. [Conn. Fla.
marilandicum (Hald.) 47–32
multicolor (Gmel.) 90–1857
pulverulentum (DeG.) 75–118
variegatum (Goeze) 77–481
97. thoracicum Csy. 12–297 Tex.
98. hispicorne (L.) 67–634 N.Mex. Cal.
pulverulentum (Hald.) 47–32
operarium White 55–309
simplicicolle(Hald.)45–151 So.Cal. Fla.
a. procerum Lec. 59–88 Tex. Ariz.
99. rufulum (Hald.) 47–32 M.St. Ind.
14200. mancum Csy. 12–298 R.I. [Conn.
01. crinicorne Csy. 12–298 Tex.
02. seminitidum Horn 85–130 Ariz. So.Cal.
03. tæniatum Lec. 54–81 Tex.
senex Bates 84–248
04. niveitectum Schffr. 05–160 Ariz.

Hypermallus Lac. 69–302

14205. arizonensis Csy. 12–299 Ariz.
06. flumineus Csy. 12–300 Mo.
07. incertus (Newn.) 40–28 N.Y. Pa. Tex. [Ind. Fla.
aspersus (Hald.) 47–32
neglectus (Lec.) 50–13
vicinus (Hald.) 47–33
externus Csy. 12–300 Wis.
08. compactus Csy. 14–364 Tex.
09. brevicornis Csy. 12–301 Ind.
10. abruptus Csy. 12–301 ?
11. villosus (Fab.) 92–302 Atl.-Tex. Ind. [Conn.
pruinosus (Guér.) 43–225
putator (Peck) 19–307
a. scuticularis Csy. 12–302 Tex.
12. militaris Csy. 14–364 N.Y.
13. lacustris Csy. 12–302 Wis.
14. medialis Csy. 12–302 ?
a. canadensis Csy. 12–303 Ont.
b. densicollis Csy. 12–303 Fla.
15. defectus Csy. 12–303 ?
16. molliculus Csy. 12–304 Tex.
17. parallelus (Newn.) 40–29 Ia.Ga.Fla.Del.
arctum (Newn.) 40–29
oblitum Lec. 50–16
?pulverulentus (Oliv.) 95–69
18. breviusculus Csy. 14–364 Mass.
— rusticum Lec. 50–14 N.Am.

Elaphidion Serv. 34–66

14219. irroratum (L.) 67–633 Ill. N.Y. Fla. [W.I.
bidens (Oliv.) 90–306
ordinatum Newn. 40–26
tessellatum Newn. 40–26
20. mucronatum (Say) 23–427 Mass. Fla. Mo. [Ind.
muricatum Hald. 47–33
nebulosum Guér. 43–255
21. mimeticum Schffr. 05–132 Tex.
22. mutatum Gahan 90–32 Cuba, Fla.
tomentosum ♀ Chev. 62–60
23. tectum Lec. 78–414 Fla.
24. lanatum Chev. 62–260 Cuba, Fla.

Anepsyra Csy. 12–293

14225. tenue (Lec.) 54–81 Tex. Ariz.
26. volitans (Lec.) 73–186 L.Cal.

Aneflomorpha Csy. 12–293

14227. subpubescens (Lec.) 62–41 N.J. Tex. Fla.
28. seminuda Csy. 12–294 Tex.
29. lengi (Schffr.) 09–101 Ariz.
30. aculeatum (Lec.) 73–184 Tex.
31. lineare (Lec.) 59–20 So.Cal. Ariz.
32. longipennis Csy. 12–294 No.Cal.
33. calvatus (Horn) 85–131 Ariz.
34. levettei (Csy.) 92–29 Ariz.
35. imbellis Csy. 14–363 So.Cal.

Aneflus Lec. 73–185 L.Cal.

14236. protensus Lec. 58–82 Ariz. Mex.
37. cochisensis Csy. 12–296 Ariz.
38. prolixus Lec. 73–203 L.Cal.
39. fuchsi Wickh. 05–170 Cal.

Anoplium Hald. 47–34

14240. cinerascens Lec. 50–15 Tex. Pa.
41. pumilum (Newn.) 40–29 Ga. Tex. Fla.
42. inerme (Newn.) 40–29 Pa. Tex. Fla.
43. mœstum Lec. 53–442 Tex. Fla.
44. pinorum Csy. 14–365 N.C.
45. laterale Csy. 14–365 Tex.
46. albofasciatum Linell 96–393 So.Cal.
47. debile Lec. 53–442 Tex.
48. truncatum Hald. 47–33 Tex. Fla.
49. punctatum Lec. 73–185 L.Cal.
50. spurcum Lec. 53–442 Tex.
51. imbelle Lec. 81–27 Cal. So.Cal.
52. grisescens Bates 85–249 Mex. So.Fla.
53. nanum (Fab.) 92–300 W.I. & Fla.
cinereum (Oliv.) 95–69
54. brevidens Schffr. 08–333 Ariz.
55. simile Schffr. 08–334 Ariz.
56. subdepressum Schffr.04–222 Cal. Ariz.

Anoplium Hald.
14257. niveivestitum Schffr. 05–132 Tex.
(*Peribœum* Bates nec Thoms.)
58. reticolle Bates 85–254 Mex. L.Cal Ariz.

Anoplium Hald.
14259. alienum Lec. 75–173 Ariz.

SPHAERIONINI

Psyrassa Pasc. 66–481
14260. texana Schffr. 05–160 Tex.
61. basicornis Pasc. 66–481 Mex. Tex.
62. sallei Bates 85–255 Mex. Tex.

Pseudibidion Csy. 12–293
(*Elaphidion* ‡ auct.)
14263. unicolor (Rand.) 38–42 No.St. Ind. Can.-Fla.

PIEZOCERINI

Piezocera Serv. 34–92
14264. serraticollis Linell 96–394 Tex.

IBIDIONINI

Compsa Perty 30–92
14265. punctícollis Lec. 73–188 L.Cal. Ariz.
asperula Bates 85–266 Mex.
66. quadriplagiata Lec. 73–189 L.Cal.
griseola Bates 92–156 Mex.
67. textilis Thoms. 65–573 Mex.
mexicana Thoms. 65–573
a. alacris Bates 80–264 Mex. Tex.

Heterachthes Newn. 40–9
14268. ebenus Newn. 40–9 Fla. So.St.
69. floridanus Csy. 12–307 Fla.
70. exilissimus Csy. 12–307 N.C.

Heterachthes Newn.
14271. quadrimaculatus (Fab.) 92–328 Pa. Mo. Ind.
72. fluviatilis Csy. 12–308 Mo. [Conn.
73. nobilis Lec. 62–41 Tex.
— evanescens Thoms. 67–148 Tex.

Ibidion Serv. 34–103
14274. exclamationis Thoms. 60–201 Mex. Tex.
75. townsendi Linell 96–395 Tex.

Malobidion Schffr. 08–336
14276. brunneum Schffr. 08–337 Ariz.

CALLIDIOPINI

Cylindera Newn. 33–509
(*Curtomerus* Steph. 39–275)
(*Cylindrodera* G. & H. 73–2922)
(*Cytomerus* G. & H. 73–2836)
(*Lampromerus* Thoms. 60–202)
(*Sotenus* Sharp 78–205)

Cylindera Newn.
14277. flava (Fab.) 75–191 W.I. Fla.
lutea (Steph.) 31–249
pallida Newn. 33–510
pilicornis (Fab.) 92–327
setigera (Sharp) 78–205 Honolulu

CURIINI

Curius Newn. 40–17
14278. dentatus Newn. 40–17 Fla.
concinnatus Hald. 47–43

Plectromerus Lec. 73–304
14279. dentipes (Oliv.) 90–268 Ga. Fla.
dentatus (Lec.) 24–172
?scambus (Newn.) 41–79 Fla.

GRACILIINI

Hypexilis Horn 85–173
14280. pallida Horn 85–173 Tex.

Gracilia Serv. 34–81
(*Nothrus* Hald. 47–43)
14281. fasciata Lec. 73–171 L.Cal.
82. manca Lec. 50–24 N.Y.

Gracilia Serv.
14283. minuta (Fab.) 81–235 †Eur. Pa. N.Y. [Ga.
fusca Hald. 47–43
84. obliquata Horn 85–174 Tex.

Lianema Fall 07–85
14285. tenuicornis Fall 07–86 Cal. L.Cal.

OBRIINI

Obrium Curt. 25–91
(*Diozodes* Hald. 47–42)
(*Phyton* Newn. 40–19)
14286. maculatum (Oliv.) 95–32 Mex. U.S.
limum Newn. 40–18 Atl. & Gulf St. Ark.
pallidum (Say) 23–412 Ind. Tex. Fla.
pallidium Lec. 50–22
87. discoideum Lec. 73–190 L.Cal.
88. mozinnæ Linell 96–395 Tex.
89. peninsulare Schffr. 08–338 L.Cal.
brunneum || Schffr. 04–223

Obrium Curt.
14290. constricticolle Schffr. 08–338 Ariz.
91. rufulum Gahan 08–142 N.Y.-Can.
rubrum ‡ Leng 86–28 Ct. Ind. [Miss.
92. rubidum Lec. 50–22 Pa. Atl.St.

Eumichthus Lec. 73–190
14293. œdipus Lec. 73–190 Vanc. No.Cal.

† Introduced.

LEPTURINI

(*Lepturinæ* Craighead 15–8)
(Gahan 06–68)

Rhagium Fab. 75–182
(*Stencorus* Lam. 01–235)
(*Stenocorus* Oliv. 95–1)
(*Hargium* Sam. 19–210)

14294. californicum Csy. 13–195 Cal.
95. crassipes Csy. 13–195 Mass.
96. parvicorne Csy. 13–195 Mass.
97. boreale Csy. 13–195 Wis.
98. lineatum Oliv. 95–13 Ind. Conn. Alas. La. Fla.
?inquisitor (L.) 58–393 Eur. Sib. Jap.
indigator Fab. 87–145
investigator Mann. 52–367 Alas.
99. cariniventre Csy. 13–196 Mass. Pa.
14300. thoracicum Csy. 13–196 N.Mex.
01. montanum Csy. 13–197 Colo. N.Mex.

Leptalia Lec. 73–204

14302. macilenta (Mann.) 53–253 Alas. Cal.
a. frankenhauseri (Mann.) 53–252 Alas.
b. fuscicollis (Lec.) 57–65 Cal. Vanc.

Hapalosalia Csy. 13–200

14303. scripta (Lec.) 69–384 Vanc. Wash. No.Cal.
04. aurata (Horn) 60–570 Pa.-N.C.
05. lineicornis Csy. 13–201 Wis.
06. læviceps Csy. 13–201 Wis.
07. densicollis Csy. 14–366 N.C.
08. vibex (Newn.) 41–72 Can.-Va. Ind.
nitidicollis (Horn) 60–570
a. fragilis Csy. 13–202 Ind.
09. straussi (Webb) 08–41 Or. Nev.
10. sphæricollis (Say) 27–280 Can. Wis.
allecta (Newn.) 41–72
a. ?ruficollis (Say) 23–421 Can.
paupercula (Newn.) 41–72

Centrodera Lec. 50–325

14311. decolorata (Harris) 41–93 Mich. Can. N.Y.Mass.Ind.
rubida (Hald.) 47–58
a. lacustris Csy. 18–416 L.Sup.
12. nevadica Lec. 73–205 Nev. Cal. So.
oculata Csy. 13–202 Cal. [Cal.
13. picta (Hald.) 47–58 Conn.-S.C.
14. tenera Csy. 13–203 So.Cal.
15. sublineata Lec. 62–40 Pa. N.C.

Xylosteus Friv. 38–180

14316. ornatus Lec. 73–205 Or.

Ortholeptura Csy. 13–204

14317. oculea Csy. 13–204 Cal.
18. valida (Lec.) 57–64 So.Cal. Nev.
19. insignis (Fall) 07–251 Cal. [Vanc.

Stenocorus Fab. 75–178
(*Toxotus* Lec. 50–320 nec Zett.)
I. *Toxotopsis* Csy. 13–206

14320. cinnamopterus (Rand.) 38–45 Mass.-Ill.N.C.
æsculi (Hald.) 47–59 [Ind.
II. *Eutoxotus* Csy. 13–206
21. schaumi Lec. 50–320 Ind. Can. Ill. Vt. O.
a. croceus Leng 90–68 Vt. No. Ill.

Stenocorus Fab.
III. *Stenocorus* s.str.

14322. nubifer Lec. 59–80 So.Cal.
a. lateralis Csy. 92–37 Cal.
23. trivittatus Say 23–422 N.Eng.-Ohio-Miss.
24. vittiger Rand. 38–29 Ont. Minn.
25. nigripes Hald. 47–58 Pa.
26. flavolineatus Lec. 54–18 Vanc. Cal.
27. virgatus Lec. 74–67 Mont. Or. Vanc. B.C.
28. pacificus Csy. 13–209 Cal.
29. tenellus Csy. 13–210 Cal.
30. hesperus Csy. 13–210 Cal.
31. parviceps Csy. 13–210 Cal.
32. truncatulus Csy. 13–211 Cal.
33. apiciventris Csy. 13–211 Cal.
34. rufipennis Csy. 13–212 Cal.
35. flaccidus Csy. 13–212 Cal.
36. aureatus Csy. 13–213 Cal.
a. gilvicornis Csy. 13–213 Cal.
37. sericatus Csy. 13–213 Cal.
38. subpinguis Csy. 13–213 Utah
39. oregonensis Csy. 13–214 Oreg.
40. vestitus Hald. 47–59 So.Cal.Or.Cal.
a. ater Leng 90–68 Vanc. [Vanc.
41. obtusus Lec. 73–206 Wyom.
42. brevicollis Csy. 13–214 Wash.
IV. *Anisorus* Muls. 63–467
43. cylindricollis (Say) 23–417 Can.-Ala.-Ill.
dentipennis Hald. 47–58 [Ind.
dives Newn. 41–68
a. atratus Hald. 47–58 Ga.

Parapachyta Csy. 13–216

14344. spurca (Lec.) 57–63 Nev.-Vanc.
cervinus (Walk.) 66–332 [So.Cal.

Pachyta Zett. 28–376

14345. armata Lec. 73–207 Id. Or. Wash.
46. lamed (L.) 58–391 Eur. Sib.
a. conflagrata Mots. 60–147 Alas.
47. liturata Khy. 37–178 N.Mex. Can. Alas. Cal.
nitens Lec. 50–235 L.Sup.
*
48. rugipennis Newn. 44–476 Can. Me. N.S.

Evodinus Lec. 50–325
(*Brachyta* Fairm. 68–185)

14349. monticola (Rand.) 38–27 Alas. L.Sup. Me. N.Y.Can.
50. vancouveri Csy. 13–216 Vanc. [Cal.

Brachysomida Csy. 13–220
(*Acmæops* auct. pars)

14351. atra (Lec.) 50–323 Nev.Or.Wash.
52. morata Csy. 13–222 Cal. [Id.
53. viola (Lec.) 60–321 No.Cal.
54. celestina Csy. 13–222 Cal.
55. mollipilosa (Lec.) 60–321 Or.
56. lugens (Lec.) 57–62 Cal.
fusca (Lec.) 57–62 Cal.
57. tumida (Lec.) 57–63 Cal. So.Cal.
58. lanatula Csy. 13–224 Colo.
59. subænea (Lec.) 57–63 Cal.
60. corpulenta Csy. 13–224 Cal.

Brachysomida Csy.
14361. francisca Csy. 13–225 Cal.
62. californica (Lec.) 52–101 Cal.
a. proxima Csy. 13–225 Cal.
63. brevicornis Csy. 13–226 No.Cal.
64. subcyanea (Lec.) 57–63 Cal.
65. trinitatis Csy. 13–226 No.Cal.
66. cærulea Csy. 13–227 Cal.
a. chalybea Csy. 13–227 Cal.
67. tumidiceps Csy. 13–227 Cal.
68. protensicollis Csy. 13–228 Cal.
69. robustula Csy. 13–228 Cal.
70. hirsuta Csy. 13–228 Cal.
71. lepidula Csy. 13–229 Cal.
72. versicolor Csy. 13–229 Cal.
73. pinguis (Lec.) 73–209 Cal.

Leptacmæops Csy. 13–230
14374. basalis (Lec.) 73–211 Cal.
a. dichroma Csy. 13–231 Cal.
75. cuneata Csy. 13–232 Cal.
76. auricollis Csy. 13–232 Cal.
77. elegantula Csy. 13–232 Cal.
78. quadrinotata Csy. 13–233 Cal.
79. tenuis Csy. 13–233 Cal.
80. temporalis Csy. 13–233 Cal.
81. minima Csy. 13–234 Cal.
82. cubitalis (Lec.) 61–355 Cal. Nev.
variipes Csy. 91–38 So.Cal.
83. militaris (Lec.) 50–322 Or. Cal. Wash.
?spuria (Lec.) 73–228 [Id.
84. subpilosa (Lec.) 50–322 Wash. Mont.
85. nitidipennis Csy. 13–236 Wash. [Wy.
86. intermedia Csy. 13–236 ?
87. lupina (Lec.) 60–321 Or.
88. pugetana Csy. 13–237 Wash.
89. quadriceps Csy. 13–237 Utah
90. punctiventris Csy. 13–238 Colo. N.Mex.
91. longicornis (Kby.) 37–185 Colo.
marginalis (Lec.) 57–28
92. ligata (Lec.) 73–211 Colo.
93. alticola Csy. 13–239 Colo.
— vincta (Lec.) 61–356 Mont. Or.
— dorsalis (Lec.) 59–21 Kan. [No.Cal.
(*Acmæopsilla* Csy. 13–240)
94. falsa (Lec.) 59–80 So.Cal. L.Cal.

Acmæops Lec. 50–235
14395. directa (Newn.) 41–71 Pa. Ind. Conn.
?vittata (Swed.) 87–198
quadrivittata (Schön.) 17–497
a. pallida (Hald.) 47–65
96. pratensis (Laich.) 84–172 Eur. Sib. No. Am. Colo. Cal. Mont. H.B.T. Nfld. Alas.
longiceps (Kby.) 37–187 [N.Mex.
semimarginata (Rand.) 38–20
strigilata (Fab.) 92–341
97. parkeri Csy. 13–242 Colo.
98. lacustrina Csy. 13–242 L.Sup.
99. obsoleta Csy. 13–243 Colo.
puncticeps Csy. 13–243 Colo.
14400. aurora Csy. 13–244 Colo.
01. coloradensis Csy. 13–244 Colo.
02. cavicollis Csy. 13–244 Me.
03. proteus (Kby.) 37–186 Wis. Cal.
gibbula Lec. 61–356 Wash.
sublineata (Hald.) 47–60
04. pinicola Schffr. 08–341 Ariz.

Acmæops Lec.
14405. discoidea (Hald.) 47–60 Mich. Pa. N.J.
*
06. thoracicus (Hald.) 47–60 Mass. Pa. Va.
07. bivittatus (Say) 23–416 Ind.
incertus (Bland) 64–321
08. nigripennis (Lec.) 50–323 Mo.
varians (Lec.) 50–324 ♂
09. fusciceps (Lec.) 50–324 N.Y.
10. oblongus Csy. 13–218 Neb.

Gaurotes Lec. 50–324
14411. cyanipennis (Say) 23–423 Can. & E.U.S.
ione (Newn.) 40–30 [Ind.
laportei (Guér.) 44–253
leonardi (Hald.) 47–60
servillei (Serv.) 35–214
12. eressoni Bland 64–69 Colo. Nev.
13. lecontei Csy. 13–219 Or. [No.Cal.
14. abdominalis Bland 62–270 N.Y. Pa. Va.

Anthophilax Lec. 50–236
Nicolay 17–38
Stenura ‡ Hald.)
(*Argaleus* Lec. 50–319 pars)
14415. attenuatus (Hald.) 47–59 Me.-Minn. Va.
16. malachiticus (Hald.) 45–64 Me.-Mich.-Pa.
cyanea (Hald.) 47–151 Can. Mass.
17. viridis Lec. 50–236 Mich. N.Y.
a. viridipennis Csy. 18–146 No.N.Y. [N.C.
18. hoffmani Beut. 03–518 N.C.
19. tenebrosus Lec. 73–208 Cal. So.Cal.
20. mirificus Bland 65–382 Utah, Colo. Mont.
venustus Bland 65–382 ♀ Or. Id. Cal.
21. subvittatus Csy. 91–37 Colo.?
22. nigrolineatus VanD. 17–36 Or.

Piodes Lec. 50–318
14423. coriacea Lec. 50–318 Or.

Judolia Muls. 63–496
14424. sexmaculata (L.) 58–398 Eur. Sib. No. Am. No.Cal. H.B.T. Mich. N.H.
25. vexatrix (Mann.) 53–250 Alas.-Nev. No.Cal.
26. cordifera (Oliv.) 95–25 E.St. Conn.
a. lunaris (Hald.) 47–59
27. instabilis (Hald.) 47–59 W.St. So.Cal.
28. convexa (Lec.) 50–332 So.Cal.
29. pacifica Csy. 13–249 Cal.
30. trajecta Csy. 13–250 Colo.
31. quadrata (Lec.) 73–225
32. sexspilota (Lec.) 59–80 So.Cal. L.Cal.
33. quadrillum (Lec.) 59–88 Vanc. No.Cal.
34. convolvens Csy. 13–250 No.Cal.
35. impura (Lec.) 57–64 Nev. Or. Cal.
36. gaurotoides Csy. 93–592 Utah
37. flaviventris (Schffr.) 08–342 Ariz.

Brachyleptura Csy. 13–251
14438. rubrica (Say) 23–418 Ind. Conn.
erythroptera (Germ.) 24–522
39. dehiscens (Lec.) 59–89 No.Cal.-Vanc. Kan.
40. cuneatula Csy. 13–253 Wis. Ont.
41. vagans (Oliv.) 95–31 N.E.St. Can.
brevis (Kby.) 37–182 Can.-Ga.

Brachyleptura Csy.
14442. fusella Csy. 13–254 ?
43. puella Csy. 13–254 ?
a. tetrica Csy. 13–255 ?
44. champlaini Csy. 13–254 Pa.
45. circumdata (Oliv.) 95–32 Mass.N.Y.Pa.
46. subquadrata Csy. 13–251 Colo.
47. canadensis (Fab.) 95–8 Ind. Nfld.
tenuicornis (Hald.) 47–64♂
a. cinnamoptera (Hald.) 47–64
erythroptera (Kby.) 37–180
48. cribripennis (Lec.) 59–21 Kan. Ariz.
a. ebena (Leng) 90–197
49. lætifica (Lec.) 59–89 Nev.-Wash.
lugens (Lec.) 59–89 [No. Cal.
50. sanguinea (Lec.) 59–89 N.Mex.-Vanc.
51. pernigra (Linell) 96–397 So.Cal. [Nfld.
52. lacustris (Csy.) 92–43 Mich.
53. boulderensis Csy. 13–252 Colo.
54. haldemani (Csy.) 92–42 N.Mex.

Parallelina Csy. 13–255
14455. chalybea (Hald.) 47–60 E.St. Ind.
56. exigua (Newn.) 41–73 Can.-Pa.
saucia (Lec.) 62–40
57. nana (Newn.) 41–73 Mass.-N.C.-
a. hæmatites (Newn.) 41–73 [Ill.
58. molybdica (Lec.) 50–101 Nev.-Or. So.
a. militaris (Chev.) 55–187 [Cal.
59. subargentata(Kby.)37–184 Alas.-Ga. Nfld.
a. rhodopus (Lec.) 74–68 Cal. [Ind.
b. ruficeps (Lec.) 62–40 Ga. (Cal.?)
c. ruficollis (Prov.) 77–617 Can.
60. filicornis Csy. 13–255 Wash.
61. similis (Kby.) 37–185 H.B.T. Cal.
rufibasis (Lec.) 62–40
62. campanifera Csy. 13–256 Cal.

Charisalia Csy. 13–256
14463. americana (Hald.) 47–63 Ga. Pa. O. Ind.
64. capitata (Newn.) 41–71 Can. E.St. Ind.

Strangalepta Csy. 13–257
14465. lineola (Say) 23–421 E.St. Mo. Ind.
cincta (Hald.) 47–63 [Conn.
indirecta (Newn.) 41–71
lateralis ‡ (Lec.) 50–330
a. lateralis ‡ (Hald.) 47–63
b. obsoleta (Hald.) 47–63 Pa.
66. pubera (Say) 27–279 Can. W.St.
67. keeni Csy. 13–257 Br.Col. [Ind.
68. rubida (Lec.) 73–224 No.Cal.
69. vittata (Oliv.) 92–523 N.E.Amer.
abbreviata (Germ.) 24–523 [Ind. Conn.
semivittata (Kby.) 37–183
a. gulosa (Kby.) 37–184 N.S.

Strangalia Serv. 35–220
(*Leptura* ‡ auct.)
14470. perductor (Walk.) 66–333 Vanc.
71. obliterata (Hald.) 47–62 Or. No.Cal.
72. idahoensis Csy. 13–259 Idaho
73. vitiosa (Lec.) 54–18 Cal.
74. propinqua(Bland)65–384 Wash. No.Cal.
75. kerniana (Fall) 07–249 Cal.
76. subcostata(Fall) 07–249 Cal.(Tahoe)
77. barberi (Fall) 07–250 No.Cal.
78. regularis Csy. 13–259 ?
79. minuscula Csy. 13–260 Colo.
80. soror (Lec.) 73–223 No.Cal.

Strangalia Serv.
14481. abdominalis (Hald.) 47–63 N.Y. Ga. Tex.
atrovittata (Bland) 64–255 ♀ La.
82. subhamata (Rand.) 38–28 Can. E.St. Ind.
armata (Hald.) 47–61
interrupta (Newn.) 41–72
83. elegans (Hald.) 47–63 N.Y. Pa.
84. cruentata (Hald.) 47–64 Can.-Tex. Ind.
85. maneei Csy. 14–367 N.C.
86. plagifera (Lec.) 73–224 Colo. Nev. Cal.
anthracina (Lec.) 75–175 ♀
87. plebeja (Rand.) 38–28 E.St.
88. deleta (Lec.) 50–328 Mass.
89. amabilis (Lec.) 57–64 Or. Wash.

Cyphonotida Csy. 13–260
(*Ophistomis* ‡ Horn nec Thoms.)
14490. ventralis (Horn) 94–401 L.Cal. Ariz. [So.Cal.
91. laevicollis Bates 80–39 Ariz.-Panama
92. ?ignita (Schffr.) 08–341 Ariz.

Xestoleptura Csy. 13–260
14493. octonotata (Say) 23–419 N.E.St. Ind.
stictica (Newn.) 41–72 [Conn.
a. quadripunctata (Hald.) 47–64
94. crassipes (Lec.) 57–65 So.Cal.-Vanc.
fasciventris (Lec.) 61–355
xanthogastra (Lec.) 59–88
a. shastana Csy. 13–263 No.Cal.
95. vancouveri Csy. 13–263 Vanc.
96. muliebris Csy. 13–263 Cal.
97. cockerelli (Fall) 07–251 N.Mex. Colo.
98. crassicornis (Lec.) 73–227 Cal.
99. behrensi (Lec.) 73–227 No.Cal.
14500. cornsca Csy. 13–261 Cal.
01. columbica Csy. 13–261 Br.Col.
02. rufula (Hald.) 47–60 L.Sup.
03. hirtella (Lec.) 73–226 Lab. N.H. Nfld.
04. tibialis (Lec.) 50–339 N.H. Mich. Wash.

Stenostrophia Csy. 13–264
14505. tribalteata (Lec.) 73–224 No.Cal. So.Cal.
06. serpentina (Csy.) 92–41 Cal.
07. coquilletti (Linell) 96–398 So.Cal.

Strophiona Csy. 13–264
14508. nitens (Forst.) 71–45 R.I. Can. Pa.
aurigera (Newn.) 41–70 [Ind.
carolina var. (Web.) 01–91
quagga (Germ.) 24–521
zebra (Felt) 07–450
zebrata (Hald.) 47–62
09. bellina Csy. 13–265 Colo.
10. læta (Lec.) 57–64 So.Cal. Nev.-
11. ostenta Csy. 13–265 N.Mex. [Vanc.
12. tigrina Csy. 13–266 So.Cal.
13. reducta Csy. 13–266 Cal.

Leptura (L). 58–397
(*Megaleptura* Csy. 13–267)
14514. emarginata L. 87–158 Can.-Tex. Ind.
15. gigas Lec. 73–223 Tex. N.Mex.
(*Cosmosalia* Csy. 13–267)
16. nigrella Say 27–279 ?
17. carbonata Lec. 61–355 No.Cal. Wash.
18. præstans Csy. 13–267 Colo.
19. auripilis Lec. 50–339 N.Mex.

Leptura L.

14520. chrysocoma Kby. 37–179 No.St. Cal.
21. aureola Csy. 13–268 Colo.
22. nigrolineata Bland 65–383 Colo.
23. dolorosa Lec. 61–355 Nev.-Vanc.
24. coccinea Lec. 73–226 [Cal.
?rubra L. 58–397 Eur. Sib.

(*Cercolia* Csy. 13–268)

25. proxima Say 23–420 Ind. Can. E.U.S. Wis.

subpubescens Kby. 37–180

a. atrata Lec. 50–339
26. minnesotana Csy. 13–269 Wis.

(*Dorcasina* Csy. 13–269)

27. matthewsi Lec. 69–384 Vanc.-Cal.
28. grossa (Lec.) 73–225 Cal.
29. macrocera Csy. 13–270 Cal.
30. biforis Newn. 41–70 Can.-Va.
31. laurentica Csy. 13–271 No.N.Y.

(*Trachysida* Csy. 13–271)

32. mutabilis Newn. 41–71 Can.-Pa. Nfld.
a. luridipennis Hald. 47–63
b. provancheri Auriv. 12–223
latifia || Prov. 77–620
33. aspera Lec. 73–228 Can.-Vanc.
34. pedalis Lec. 61–355 N.H. Can. Mich.
35. quadricollis Lec. 50–339 Vt. Mass.

*

36. brevicornis Lec. 73–226 Nev. Wash. No.Cal.

Bellamira Lec. 73–328

14537. scalaris (Say) 27–278 N.J. Fla.
coaretata (Hald.) 47–156
38. antennata (Schffr.) 08–342 Ariz.

Typocerus Lec. 50–333

14539. badius (Newn.) 41–69 N.C. Ga. Fla. Ala.
40. zebra (Oliv.) 95–19 N.Y.-Fla.
carolina (Web.) 01–91
zebrata (Fab.) 01–364
41. sparsa Lec. 78–614 Can. O. Wis.
42. lunulata (Swed.) 87–195 N.C. Ga. Fla.
arcuata (Oliv.) 95–32 [Tex.
lunata (Fab.) 01–360
43. velutina (Oliv.) 95–18 Mass.-Wis. Ind. Fla.

fugax (Fab.) 98–153
nobilis (Newn.) 41–67
tenuior (Kby.) 37–181

Typocerus Lec.

14544. acuticauda Csy. 13–274 Mass. N.J. Pa.
45. thoracicus Csy. 13–274 ?
46. confluens Csy. 13–272 Kan. Colo.
47. caligans Csy. 13–273 Kan.
48. lugubris (Say) 23–419 Ind.
49. brunnicornis Lec. 73–214 Fla.-N.Mex.
50. balteata Horn 78–55 Ariz. Colo. Mont.
51. sinuata (Newn.) 41–70 Ind. Fla.
octonotata (Hald.) 47–62

Ophistomis Thoms. 57–319
(*Strangalia* Lec. nec Serv.)
(*Strangalina* Auriv. pars)

14552. virilis (Lec.) 73–212 Tex.
53. famelica (Newn.) 41–68 E.St. Ind.
a. confluenta (Hald.) 47–61 [Conn.
b. flaviceps (Hald.) 47–61
c. obsoleta (Hald.) 47–61
d. solitaria (Hald.) 47–61
54. acuminata (Oliv.) 95–20 Ct.-Pa. Ind.
emaciata (Newn.) 41–68
a. unicolor (Hald.) 47–62
55. strigosa (Newn.) 41–69 Fla.
56. luteicornis (Fab.) 75–197 Can. E.St. Ind.
57. eversa Csy. 13–277 Ill. [Fla.
58. carolinæ Csy. 13–277 S.C.
59. ochreipennis Csy. 13–278 ?
60. bicolor (Swed.) 87–197 Can.-Ala. Fla.
a. simulans Csy. 13–278 Colo. [Ind.
61. sexnotata (Hald.) 47–61 Mass. Fla. Tex.
62. montana (Csy.) 92–40 N.Mex. Ariz.
63. texana Csy. 13–276 Tex.
64. evanescens Csy. 13–276 Tex.
65. delicata (Lec.) 74–97 Cal. Nev. So.Cal.

Pyrotrichus Lec. 62–41

14566. vitticollis Lec. 62–41 Cal.
67. cribripennis Csy. 13–198 So.Cal.

Thesalia Csy. 91–36

14568. rubriceps Csy. 13–198 Cal.
69. gnathoides (Lec.) 73–228 Or. Wash.
lisa (Leng) 90–108 Cal. [No.Cal.

Euryptera Serv. 25–688

14570. lateralis (Oliv.) 95–22 Mass. Fla. Mex.
cincta Hald. 47–63
distans (Germ.) 24–524
obsoleta Hald. 47–63
71. huachucæ Schffr. 05–134 Tex. Ariz.
72. flavatra Blatch. 14–92 Fla.

ENCYCLOPINI

Encyclops Newn. 38–392

14573. coerulea (Say) 27–280 Can. N.Y. Ill.
pallipes Newn. 38–392 [O.

DORCASOMINI

(*Desmocerini*)

Desmocerus Serv. 35–202

14574. palliatus (Forst.) 71–40 Can. La. Ind.
blandus (Fab.) 75–182
cyaneus (Fab.) 75–823
elongatus Bland 62–269

Desmocerus Serv.

14575. auripennis Chev. 55–187 Cal. Nev.
76. cribripennis Horn 82–8 So.Cal. Wash.
77. californicus Horn 82–7 Cal. So.Cal.
78. piperi Webb 05–104 Or. Wash. Id.

NECYDALINI

Ulochætes Lec. 54–82
14579. leoninus Lec. 54–82 Or. Nev. No. Cal. So.Cal.

Necydalis L. 58–421
14580. mellita Say 35–194 Pa. Ind.
americana Hald. 47–44

Necydalis L.
14581. barbaræ Rivers 90–112 So.Cal.
82. cavipennis Lec. 73–204 Cal. Ariz.
83. laevicollis Lec. 69–383 Vanc. No.Cal.

MOLORCHINI

(*Stenopterini*)

Molorchus Fab. 92–356
14584. bimaculatus Say 23–428 Atl.St. Ind.
affinis Lec. 24–172 [Conn.
obscurus Lec. 50–21
a. corni Hald. 47–45
b. seminstus Newn. 40–19 Fla.
85. longicollis Lec. 73–193 Cal. So.Cal.

Callimoxys Kr. 63–104
14586. fuscipennis (Lec.) 61–356 ♂ Cal. So.Cal.
sanguinicollis (Oliv.) 95–9 ♀ N.Am. Ind.

Callimus Muls. 63–210
(*Pilema* Lec. 73–192)
14587. cyanipennis (Lec.) 73–192 Cal. So.Cal.
88. variipes Csy. 12–311 Cal.
89. dehiscens Csy. 12–312 So.Cal.

Callimus Muls.
14590. ruficollis (Lec.) 73–192 Cal. So.Cal.
91. longicollis Csy. 12–310 Cal.
92. opacipennis Csy. 12–311 So.Cal.

Poecilobrium Horn 83–291
14593. chalybæum (Lec.) 73–189 Cal. So.Cal.
94. rugosipenne Linell 96–395 Cal.

Hybodera Lec. 73–191
14595. tuberculata Lec. 73–191 Vanc. Or. No. Cal. Wash.
96. debilis Lec. 74–66 So.Cal.

Megobrium Lec. 73–192
14597. edwardsi Lec. 73–193 Cal. So.Cal.

RHINOTRAGINI

Acyphoderes Serv. 33–549
14598. delicata Horn 94–400 L.Cal.

CALLICHROMINI

Callichroma Latr. 16–24
14599. suaveolens (L.) 68–224 N.C.-Fla.
elegans Hald. 47–31
splendidum Lec. 50–37
a. virescens Leng 86–61 So.St.
14600. plicatum Lec. 53–233 Tex.
01. smaragdina Csy. 12–314 Tex.

Callichroma Latr.
14602. cobaltinum Lec. 73–195 L.Cal.
03. melancholicum Bates 72–186 Mex. & U.S.? (So.Fla.?)
04. schwarzi Fisher 14–97 Tex.

COMPSOCERINI

Rosalia Serv. 33–561
14605. funebris Mots. 45–87 Alas.-N.Mex.
alpina Lec. 52–177 [So.Cal.

Rosalia Serv.
a. mandibularis Csy. 12–313 Cal.
b. acomana Csy. 12–313 N.Mex.

CALLIDIINI

Gonocallus Lec. 73–171
14606. collaris (Kby.) 37–141 Nfld. Can.
lepidus (Lec.) 50–34 [L.Sup. Alas.

Physocnemum Hald. 47–38
(*Dularius* Thoms. 60–258)
14607. andreæ Hald. 47–36 Ga. Fla.
luscum (Thoms.) 60–259
08. brevilineum (Say) 23–413 Can. Pa. Kan. Ind. Me. N.Y. Ky. Ill. N.J.
09. compressipes Csy. 12–269 Wis.
10. densum Csy. 12–270 Kan.
11. violaceipenne Ham. 96–286 Pa.

Ropalopus Muls. 39–39
(*Rhopalopus* Redt. 45–110)
(*Euryoptera* Horn 60–571)

Ropalopus Muls.
14612. sanguinicollis (Horn) 60–571 Can. N.Y. Pa.

Hylotrupes Serv. 34–77
14613. bajulus (L.) 58–396 †Eur. Pa. Ga. La. Ct. Mass.
bullatus Hald. 47–36 N.Y.

Anacomis Csy. 12–271
(*Semanotus* ‡ Muls. 39–54)
14614. lignea (Fab.) 87–153 Pa. Can. N.H. N.J. Fla. Tex. Ariz. So.Cal.
a. parvicollis Csy. 12–272 Colo.
b. ampla Csy. 12–273 Cal.
c. angusta Csy. 12–273 Cal.
15. litigiosa Csy. 92–25 Cal. Wash. Or. Id.

Anacomis Csy.
14616. terminata Csy. 12–274 Me. (Can.?)
— nicolas White 55–321

Hemicallidium Csy. 12–274
14617. amethystinum (Lec.) 53–234 Cal. Ariz.
18. juniperi Fisher 15–77 Ariz. [So.Cal.

Merium Kby. 37–172
14619. proteus Kby. 37–172 Can.-Colo. Ind. Alas. H.B.T.
simile Kby. 37–173 68° N.Lat.
bifossatum Csy. 12–287 Wis.

Callidium Fab. 75–187
14620. antennatum Newn. 38–393 Atl. St. Ind. Or. Fla. So.Cal.
a. hesperum Csy. 12–288 Cal. Nev. Id.
21. schotti Schffr. 17–184 L.I. N.C.
22. violaceum (L.) 58–395 Sib. Eur. & N.Am. Nfld. †Greenland
janthinum Lec. 50–34 Nfld. Can. N.Y. Me.
23. texanum Schffr. 17–185 Tex.
24. californicum Csy. 12–289 Cal.
25. frigidum Csy. 12–289 Can. Me.
26. lacustre Csy. 12–289 Wis. [N.Y.
*
27. cicatricosum Mann. 53–246 Alas. (Colo.?)
**
28. hirtellum Lec. 73–172 Colo. So.Cal.
29. vile Lec. 73–172 No.Cal.

Phymatodes Muls. 39–47
(*Microcallidium* Csy. 12–283)
14630. amœnus (Say) 23–413 Mo. Ind. Kan.
coccineicollis (Hald.) 47–39 [Can.-N.Y.
a. hudsonicus Csy. 12–284 N.Y.
31. lengi Joutel 16–242 N.Y. N.J.
32. blandus Lec. 50–79 No.Cal. So.Cal.
33. densipennis Csy. 12–284 N.Mex.
(*Phymatodes* s. str.)
34. testaceus (L.) 58–396 Mass. Ala. La. Pa. Kan. Wis. Mich. Ariz.

Phymatodes Muls.
a. variabilis (L.) 61–192 Eur. N.Am. Ind. N.Y. Ga.
b. ventralis Hald. 47–37 [†Cal.
(*Pœcilium* Fairm. 64–134)
14635. æreus (Newn.) 38–393 Can. N.Y.
pallipes Hald. 47–37 [Conn.
36. æneus Lec. 54–18 Or. Vanc. Cal.
37. infuscatus Lec. 59–285 Cal.
38. obscurus Lec. 59–79 Cal. So.Cal.
39. grandis Csy. 12–277 So.Cal.
40. dimidiatus (Kby.) 37–173 Me.-Alas. Colo. H.B.T. Que. N.Y. No.Cal. Or.
palliatus (Hald.) 47–41 [B.C.
a. mannerheimi (Lec.) 57–60 Cal.
?kalmi Schön. 17–442 Can.
41. vulneratus Lec. 57–60 Cal.
42. concinnus Csy. 12–278 Cal.
43. obliquus Csy. 91–26 Cal.
44. harfordi Csy. 12–279 Cal.
45. decussatus Lec. 57–61 No.Cal. So.Cal.
46. varius (Fab.) 76–232 U.S. Ind. Cal. Tex. N.Y.
versicolor (Gmel.) 90–1852 [Mass. Ct.
a. albofasciatus Bland 62–274 Pa.
b. subfasciellus White 55–322
c. diffidens Csy. 12–280 Mo.
47. latipennis Csy. 12–280 Mass.
48. juglandis Leng 90–214 So.Cal.
49. maculicollis Lec. 78–614 L.Sup.
50. ater Lec. 85–22 N.Y. N.J.
(*Phymatodina* Csy. 12–281)
51. nitidus Lec. 74–66 No.Cal. Nev. Wash. Or.
52. crucialis Csy. 12–282 Cal.
53. elegans Csy. 12–282 Cal.
54. exilis Csy. 12–283 Cal.
*
55. lividus Rossi 94–98 †So.Eur. & Can. L.I.
thoracicus Com. 37–41
**
56. semicircularis Bland 62–275 Pa.

Xylocrius Lec. 73–296
14657. agassizi (Lec.) 61–357 Cal.
58. cribratus Lec. 73–172 Nev. Cal.

CLYTINI

Tylcus Csy. 12–348
(*Trichoxys* ‡ auct. nec Chev. 60–454)
14659. hartwegi (White) 55–252 Ariz.

Megacyllene Csy. 12–348
14660. antennatus (White) 55–252 Ariz. So.Cal.
eurystethus (Lec.) 58–82

Cyllene Newn. 40–7
14661. snowi Csy. 12–353 Ariz.
62. zuniana Csy. 12–353 N.Mex.

Cyllene Newn.
14663. crinicornis Chev. 60–460 Tex.La.So.Cal.
64. reducta Csy. 12–351 Tex.? [Fla.
65. filicornis Csy. 12–352 Tex.
66. decora (Oliv.) 95–63 Fla.Ga.-N.Mex. Ind.
infausta Lec. 50–17
67. angulifera Csy. 12–354 Kan.
68. chara (Say) 35–193 Ind.
a. kansana Csy. 12–355 Kan.
b. horni Auriv. 12–384[1]

[1] The varietal names proposed by Aurivillius in Cyllene date from Feb. 28, 1912, and will take precedence over those published by Casey (Mem. III) Mch. 20, 1912.

† Introduced.

Cyllene Newn.
decora var. ‡ Horn 80 fig. 8b
solida Csy. 12–355 Iowa
c. castelnaui Auriv. 12–381
decora ‡ Horn 80 fig. 8c
d. mediana Auriv. 12–384
decora var. ‡ Horn 80 fig. 8d.
e. genitiva Csy. 12–355 Tex.
14669. lutosa Lec. 61–356 Kan.
70. caryæ Gahan 08–141 Conn.-Ind.
picta ‡ Horn 80–134
71. robiniæ (Forst.) 71–43 Ind. Can. U.S.
angulata (Fab.) 75–192 [Conn.
flexuosa (Fab.) 75–191
picta (Drury) 70–91

Arhopalus Serv. 34–77
14672. fulminans (Fab.) 75–192 Conn.-Ind.

Glycobius Lec. 73–319
(*Plagiomotus* ‡ Lec. 83–304 nec Muls.)
14673. speciosus (Say) 28–53 Can. No.U.S.
hayi (Gray) 32–118 [Ind. Conn.

Calloides Lec. 73–319
14674. nobilis (Harris) 36–84 N.C.-Wis.Ind.
a. mormonus Schffr. 11–124 Utah
75. biformis Csy. 12–358 N.Mex. Colo.
76. muliebris Csy. 12–358 N.Mex.
77. coloradensis Csy. 12–358 Colo.
78. lorquini Buq. 59–629 Cal. So.Cal.

Xylotrechus Chev. 60–456
14679. colonus (Fab.) 75–191 Can.-Ga. Ind.
campestris (Oliv.) 95–65 [Fla.
coloreus (Fab.) 02–345
terminans (Fab.) 98–151
upsilon (Steph.) 31–244
a. agrestis (Lec.) 50–28 Ga.
b. villicus (Oliv.) 95–64 N.Am.
80. sagittatus (Germ.) 21–171 Fla.
a. pubescens (Hald.) 47–40 Pa.
81. cylindrus Csy. 12–364 Wis.
82. salebrosus Csy. 12–364 N.Mex.
83. quadrimaculatus (Hald.) 47–41
Can. No.St. Ind.
84. aceris Fisher 16–215 D.C. Del. Pa. N.J.
85. mormonus Lec. 61–357 Utah, Wis.
86. inflaticollis Csy. 12–360 Colo.
87. columbianus Csy. 12–361 B.C.
88. albonotatus Csy. 12–361 No.Cal.
89. montanicus Csy. 12–361 Idaho
90. longitarsis Csy. 12–362 Cal.
91. undulatus (Say) 24–291 L.Sup. Ind.
a. gemellus Csy. 93–590 Ind.
b. undatus (Kby.) 37–175
c. fuscus (Kby.) 37–176
d. integer (Hald.) 47–41
e. interruptus (Cast.) 35–57
f. lunulatus (Kby.) 37–175
g. sayi (Cast.) 35–55
92. lengi Schffr. 08–340 Or.
93. annosus (Say) 27–277 N.H.-No.Cal.
94. nauticus (Mann.) 43–305 So.Cal.-Mont.
a. gramineus (Hald.) 47–40
95. quercus Schffr. 05–163 Ariz.
96. convergens Lec. 73–198 Ohio, Iowa
97. nitidus Horn 60–572 Pa.N.J.Tex.

Xylotrechus Chev.
14698. obliteratus Lec. 73–199 (?♂)
Colo. So.Cal.
?brevipennis Lec. 73–197 Utah
99. insignis Lec. 73–199(?♀) Cal.
diruptus Csy. 12–367 So.Cal.
14700. incongruens Csy. 12–366 Cal.

Neoclytus Thoms. 60–67
(*Plagithmysus* Lec. 83–304)
(*Rhopalomerus* Chev. 60–357)
14701. longipes (Drury) 70–81 W.I. U.S.
angulatus (Fab.) 92–335
druryi (Fab.) 75–408
hopei (Cast.) 35–18
lunulatus (Goeze) 77–477
rhombifer (Oliv.) 95–46
02. cordifer (Klug) 29–13 W.I. U.S. Fla.
devastator (Cast.) 35–17
rufescens (Cast.) 35–16
03. scutellaris (Oliv.) 90–266 N.Y. La. Fla. Neb. Ind.
elegans (Hald.) 47–40
04. mucronatus (Fab.) 75–193 Can. E.U.S.
luscus (Fab.) 98–152 Tex. Fla. [Ind.
humeralis (Newn.) 38–394
maculosus (Gmel.) 90–1854
a. strictulus Csy. 12–369 ?
05. conjunctus (Lec.) 57–61 No.Cal. Or.
a. occidnus Csy. 12–369 Cal.
06. tularensis Csy. 12–369 Cal.
07. caprea (Say) 23–424 Ariz.U.S.Mex.
elevatus (Cast.) 35–32 [Ind.
gibbicollis (Cast.) 35–24
08. kirbyi Auriv. 12–392 Can. Va.
longipes || (Kby.) 36–176
09. fulguratus Csy. 12–367 Tex.
10. carus Fall 07–81 So.Cal.
11. modestus Fall 07–81 So.Cal.
12. simplarius Blatch. 17–240 Fla.
13. muricatulus (Kby.) 37–177 No.St. Can.
leucozonus (Cast.) 35–90 No.Cal.
muricatus Prov. 77–601
14. infans Csy. 12–368 Cal.
15. jouteli Davis 04–34 N.J. Va.
16. ascendens Lec. 78–462 Colo.
17. acuminatus (Fab.) 75–194 Can. U.S. Ind.
americanus (Gmel.) 90–1854
aspericollis (Germ.) 24–517
erythrocephalus (Fab.) 87–156
N.H.-Neb.Fla.
18. torquatus Lec. 73–200 Tex.
19. approximatus Lec. 62–42 Kan.
20. abbreviatus Schffr. 08–340 Tex.
21. peninsularis Schffr. 05–133 L.Cal.
22. tenuiscriptus Fall 07–82 So.Cal.
23. balteatus Lec. 73–201 Or. Cal.
24. interruptus Lec. 73–201 No.Cal.
25. magnus Schffr. 04–224 L.Cal.

Euryscelis Chev. 62–530
14726. suturalis (Oliv.) 95–62 ? W.I.&U.S.Fla.
dejeani Chev. 62–530 ♀

Rhopalopachys Chev. 60–457
14727. irroratus (Lec.) 58–26 Tex.Mex.Ariz.
morosus Chev. 60–501 So.Cal.

Anthoboscus Chev. 60–455
(*?Chlorophorus* Chev. 63–290)
(*Clytanthus* Thoms. 64–190)

Anthoboscus Chev.
14728. ruricola (Oliv.) 95–65 Can. Va. Ill.
29. catulus Csy. 12–370 Wis. [Ind.

Clytoleptus Csy. 12–371
14730. albofasciatus (Lap.) 35–96 Pa. Ohio, Ind.
31. gracilicornis Csy. 12–371 Ind.
32. tristis Csy. 12–371 Pa.

Clytus Laich. 84–88
14733. planifrons Lec. 74–67 Cal. Nev.
34. marginicollis Cast. 35–41 Mass.-Ga.
vespoides Hald. 47–40
35. carolinensis Csy. 12–372 N.C.

Triodoclytus Csy. 13–387
(*Paraclytus* || Csy. 12–374

Triodoclytus Csy.
14736. lanifer (Lec.) 73–198 So.Cal. Ariz.
37. brevitarsis Csy. 12–375 So.Cal.
38. crucialis Csy. 12–375 No.Cal.

Microclytus Lec. 73–320
(?*Anaglyptus* Muls. 39–91)
14739. gazellula (Hald.) 47–42 Pa. O. Can. Ill.
40. gibbulus (Lec.) 50–234 Ont. L.Sup.
insinuans (Csy.) 93–591 N.Y. Ont.
niger (Lec.) 50–29 (err. cler.)
?compressicollis (Cast.) 35–106
a. frosti Csy. 12–375 Me.

Cyrtophorus Lec. 50–29
14741. verrucosus (Oliv.) 95–67 Can. No.St. Ind.

MICHTHYSOMINI

Michthysoma Lec. 50–30
14742. heterodoxum Lec. 50–30 Ga.-Va.

TILLOMORPHINI

Pentanodes Schffr. 04–222
14743. dietzi Schffr. 04–222 Tex.

Tetranodus Linell 96–396
14744. niveicollis Linell 96–396 Tex.

Euderces Lec. 50–30
14745. picipes (Fab.) 87–157 Can. E.U.S. Ind.
46. pini (Oliv.) 95–71 Can.-Tex. Ind.
piniadea (Fab.) 02–353
a. testaceipes (Hald.) 47–41

Euderces Lec.
14747. parallelus Lec. 73–202 L.Cal.
48. reichei Lec. 73–202 Tex. Ill. Ind.
49. exilis Csy. 93–591 Tex.

Tilloclytus Bates 85–303
(*Tillomorpha* Lec. nec Blanch.)
14750. geminatus (Hald.) 47–42 Mass.-Ga.
duplicatus (Lec.) 50–29

CLEOMENINI

Dihammaphora Chev. 59–50
14751. dispar Chev. 59–52 Mex. Tex.

RHOPALOPHORINI

Rhopalophora Serv. 34–100
(*Tinopus* Lec. 50–19)
14752. lævicollis Lec. 73–193 Tex. N.Mex.
53. rugicollis Lec. 58–83 Tex. Ariz.
54. angustata Schffr. 05–162 Tex. [L.Cal.

Rhopalophora Serv.
14755. longipes (Say) 23–426 Pa.-Kan. Ind.
porosa White 55–206 [Ariz.
a. meeskei Csy. 92–30 N.Mex. Ariz.
56. bicincta Horn 95–245 L.Cal.

HETEROPSINI (*Stenosphenini*)

Stenosphenus Hald. 47–39
14757. notatus (Oliv.) 95–61 E.St. Ind. Fla.
deflendus (Newn.) 50–6
58. lugens Lec. 62–41 Tex. Mex.
hirsutipennis Bates 72–191
59. novatus Horn 85–178 L.Cal.
60. lepidus Horn 85–179 Ariz. Tex.

Stenosphenus Hald.
14761. longicollis Csy. 92–34
62. beyeri Schffr. 05–163 Ariz.
63. dolosus Horn 85–179 Tex.
64. debilis Horn 85–179 Utah, So.Cal.
65. lucanus Csy. 12–346 L.Cal.
66. pruddeni Csy. 12–346 Ariz.

AGALLISSINI

Agallissus Dalm. 23–66
(*Cryptopleura* Lec. 50–6)
14767. chamæropis Horn 93–138 Fla.
68. lepturoides Chev. 49–12 Mex. Tex.
clytoides Lac. 69–134
gratus Hald. 53–363

Agallissus Dalm.
14769. floridanus Csy. 12–376 Fla.

Zagymnus Lec. 73–203
14770. clerinus Lec. 73–321 Fla.

ANCYLOCERINI

Ancylocera Serv. 34–107
14771. bicolor (Oliv.) 95–32 So.St. Tex. Fla.
rugicollis (Fab.) 01–31

Ancylocera Serv.
a. lividipennis Hald. 47–41

ATIMIINI

Atimia Hald. 47–56
14772. confusa (Say) 27–276 Can.M.St.Ind.
tristis Hald. 47–56
73. dorsalis Lec. 69–385 Vanc. So.Cal. Ariz.

Paratimia Fisher 15–78
14774. conicola Fisher 15–78 Cal.

PTEROPLATINI

Elytroleptus Dugès 79–182
(*Pteroplatus* Lec. 73–310)
14775. apicalis Lec. 84–24 Ariz. Mex.
76. divisus Lec. 81–23 Tex. Fla.
brevicornis Csy. 93–586 ♀
77. floridanus (Lec.) 62–42 Fla. L.I. Mass.
78. ignitus Lec. 84–24 Ariz.

Elytroleptus Dugès
14779. rufipennis Lec. 81–23 Ariz. N.Mex.

Holopleura Lec. 73–193
14780. marginata Lec. 73–194 ♀ Cal.
helena Lec. 73–194 ♂

STENASPINI

Crioprosopus Serv. 34–53
14781. rimosus Buq. 40–142 Tex.
splendens Lec. 53–441
82. magnificus Lec. 75–173 Ariz.
83. lateralis Lec. 84–22 Tex.

Stenaspis Serv. 34–51
(*Smilecras* Lec. 50–8)
14784. solitaria (Say) 23–410 Kan.-Mex.
unicolor Dupont 40–11 [Ariz. L.Cal.
85. lugubris Csy. 12–318 Ariz.
86. verticalis Serv. 34–52 Tex.Ariz.Mex.
superba Newn. 38–493
87. arizonicus Csy. 12–318 Ariz.

Tragidion Serv. 34–89
(*Trichoscelis* Bates 85–324)
14788. peninsulare Schffr. 08–339 L.Cal.
annulatum ‡ Csy. nec Lec.
89. annulatum Lec. 58–83 Ariz. N.Mex.-Cal. So.Cal. Tex.?
auripenne Csy. 93–586 Utah
90. hirsuticolle Csy. 12–321 N.Mex.
fulvipenne Csy. nec Say
91. densiventre Csy. 12–322 Ariz.
92. coquus (L.) 58–393 N.Y. Fla. Tex. Ind.
lynceum (Fab.) 75–191 Atl. & So.St.
melsheimeri (Germ.) 24–502 [Fla.
a. filicorne Csy. 12–323 N.Mex. Tex.
b. fulvipenne (Say) 23–414 Tex.-Ill.-Utah
c. nubifer Csy. 12–323 Tex.
d. levipes Csy. 12–323 N.Mex.
93. apicatum Csy. 12–323 Tex.
94. armatum Lec. 58–25 So.Cal. Tex.

Purpuricenus Germ. 24–500
14795. humeralis (Fab.) 98–143 Can. Atl.St. Mo. Ind.
96. axillaris Hald. 47–31 Mass.-Tex.
97. dimidiatus Lec. 85–23 Cal. [Ind.

Metaleptus Bates 72–192
14798. angulatus (Chev.) 34–67 Mex. So.Cal.
marginellus Bates 72–193
99. batesi Horn 85–174 Ariz.
14800. femoratus Schffr. 09–384 Ariz.
gracilior Fall 09–164 Ariz.

Æthecerinus Ckll. 07–154
(*Aëthecerus* || Chev. 62–532)
14801. horni Lac. 69–184 Fla.

Æthecerinus Ckll.
14802. latecinctus Horn 80–134 Ariz.
03. wilsoni Horn 60–570 Tex.Ariz.Mex.

Oxoplus Lec. 62–41
14804. marginatus Lec. 62–42 ♂ L.Cal.
cruentus Lec. 62–42 ♀ L.Cal.
05. corallinus Lec. 62–42 Wy.Ut.N.Mex.
06. coccineus Csy. 93–588 Utah
07. jocosus Horn 85–175 Colo. Ariz. So.Cal.

Schizax Lec. 73–195
14808. senex Lec. 73–196 Ariz.

Tylosis Lec. 50–9
14809. robusta Csy. 12–342 Ariz.
10. maculata Lec. 50–9 Tex.-Ariz.
a. sellata Lec. 50–9 Mex.
11. argus Csy. 12–342 N.Mex.
12. sexualis Csy. 12–343 N.Mex.
13. texana Csy. 12–343 Tex.
14. subtruncata Csy. 12–343 N.Mex.
15. brevicollis Csy. 12–344 N.Mex.
16. medialis Csy. 12–344 N.Mex.
17. bifasciata Csy. 12–344 N.Mex.
conjuncta Csy. 12–344 N.Mex.
parva Csy. 12–345 N.Mex.
18. puncticollis Bates 85–325 Mex. Ariz.
19. oculata Lec. 50–9 Tex. Mex.

Crossidius Lec. 52–102
14820. ater Lec. 61–256 Utah, Cal. Nev.
21. punctatus Lec. 73–196 Or. Cal.
22. plagiatus Csy. 12–336 ?
23. testaceus Lec. 52–102 Colo. So.Cal.
24. maculicollis Csy. 12–337 So.Cal.
25. intermedius Lec. 73–196 Ariz. N.Mex. So.Cal.
26. longipennis Csy. 92–31 N.Mex.
27. crassipes Csy. 92–32 Wash.
28. wickhami Csy. 12–337 Utah
29. truncatellus Csy. 12–338 Utah
30. pulchellus Lec. 61–356 Cal. Colo.
a. sinuosus Csy. 12–339 ? [N.Mex.
b. retractus Csy. 12–339 Kan.
c. vegasensis Csy. 12–339 N.Mex.
31. debilis Csy. 12–339 Kan.
32. lanaticollis Csy. 12–339 ?
33. hirtipes Lec. 54–18 Cal.-Wash.
34. humeralis Lec. 58–25 Tex. N.Mex.
35. allgewahri Lec. 78–461 Idaho
36. nitidicollis Csy. 92–33 Ariz.

Crossidius Lec.
14837. discoideus (Say) 23–411 Neb. Idaho, N.Mex.So.Cal.
pulchrior Bland 62–272
38. blandi Csy. 93–589 Utah
39. sayi Csy. 12–340 N.Mex.
a. bilenticulatus Csy. 12–340 N.Mex.
40. submetallicus Csy. 12–341 Colo.

Sphænothecus Dupont 38–55
(*Ishnocnemis* ‡ Lec. 73–316)
(*Plionoma* Csy. 12–333)
14841. suturalis Lec. 58–25 Tex. (Cal?.)
42. rubens Csy. 92–34 Ariz.
43. degener Csy. 12–334 Ariz.
(*Taranomis* Csy. 12–333)
44. bivittatus Dupont 38–58 Mex.Tex.Ariz.
bilineatus Gory 39–45 [So.Cal.
(*?Entomosterna* Chev. 62–752)
45. basalis Horn 94–401 L.Cal.
46. cyanicollis Dupont 38–59 Mex.Tex.Ariz.
47. pallidus Schffr. 05–132 L.Cal.

Perarthrus Lec. 52–101
14848. vittatus Lec. 52–102 So.Cal.

Mannophorus Lec. 53–442
14849. laetus Lec. 53–442 Mex. Tex.

Amannus Lec. 58–24
14850. pectoralis Lec. 58–25 So.Cal. Colo.
51. vittiger Lec. 58–24 Tex. N.Mex.

Batyle Thoms. 64–201
14852. seclusa Csy. 12–327 N.Mex.
53. ignicollis (Say) 23–412 Mont.-Tex.
sanguinicollis (Germ.) 24–515
54. punctipennis Csy. 12–328 N.Mex.
55. acomana Csy. 12–328 N.Mex.
56. oblonga Csy. 12–329 Utah

Batyleoma Csy. 12–329
14857. suturale (Say) 23–411 Atl.St. Mont. Cal. Can. Ind. Fla. So.Cal.
miniata (Germ.) 24–515
rubra Newn. 38–393 Ohio
a. pearsalli (Bland) 62–272 Neb.
b. rutilans Lec. 50–18 N.Mex.
58. cylindrella Csy. 93–587 Tex.
59. fontinalis Csy. 12–330 N.Mex.

TRACHYDERINI

Dendrobias Serv. 34–41
14860. debilicollis Csy. 12–316 N.Mex.
61. virens Csy. 12–316 Tex.
62. peninsularis Csy. 12–316 L.Cal.
63. reductus Csy. 12–316 So.Cal.

Dendrobias Serv.
14864. ?mandibularis Serv. 34–42 Mex. Ariz. (Tex.?)
quadrimaculatus Dup. 36–22 L.Cal. So.Cal.

LISSONOTINI

Lissonotus Dalm. 17–364
14865. flavocinctus Dup. 36–9 So.Am.-Ariz.
a. multifasciatus Dup. 36–10 Mex. Ariz. L.Cal. So.Cal.

Lissonotus Dalm.
b. puncticollis Bates 85–90 L.Cal. & Mex.
c. lucanus Csy. 12–317 L.Cal.

MEGADERINI

Megaderus Germ. 24–501
14866. bifasciatus Dup. 36–5 Mex.Tex.Ariz.
corallifer Newn. 40–195

LAMIINÆ

Leng & Hamilton 96; Casey 13.

DORCADIINI

Plectrura Mann. 52–365
14867. spinicauda Mann. 52–366 Alas.-Or.
producta Lec. 54–19

Ipochus Lec. 52–166
14868. hispidus Csy. 13–279 So.Cal.
69. pubescens Csy. 91–45 So.Cal.
70. parvulus Csy. 13–280 Cal.
71. globicollis Csy. 13–280 So.Cal.

Ipochus Lec.
14872. subnitidus Csy. 91–45 So.Cal.
73. fasciatus Lec. 52–167 So.Cal.
74. pinicola Csy. 13–280 Cal.
75. catalinæ Csy. 13–281 So.Cal. Is.

Parmenosoma Schffr. 08–343
14876. griseum Schffr. 08–344 Tex.

MONEILEMINI

Moneilema Say 24–403
(*Moneilema* s. str.)
14877. annulata Say 24–404 Kan. Mont.-Ariz. Nev.
a. nubecula Csy. 13–282 Kan. Colo.
b. demissa Csy. 13–282 Kan.

Moneilema Say
14878. cylindricollis Csy. 13–283 N.Mex.
79. microsticta Csy. 13–283 Ariz.
80. appressa Lec. 52–168 Tex. N.Mex.
81. corrugans Csy. 13–284 Ariz. [Ariz.
a. ovipennis Csy. 13–284 Ariz.

Monoilema Say
(*Collapteryx* Newn. 38–397)

14882. kevigata Bland 62–267 N.Mex. Kan.
a. solida Csy. 13–288 Tex.
b. femoralis Csy. 13–288 Tex.
83. gigas Lec. 73–236 Ariz.
a. constricta Csy. 13–285 Ariz.
b. uteana Csy. 13–285 Utah
c. pimalis Csy. 13–285 Ariz.
d. spinicollis Csy. 91–45 Ariz.
e. pollens Csy. 13–286 So.Ariz.
84. semipunctata Lec. 52–167 L.Cal.
85. armata Lec. 53–234 Tex. N.Mex. Colo.

Monoilema Say
a. simplicicornis Csy. 13–286 N.Mex.
b. grylliceps Csy. 13–287 N.Mex.
c. rector Csy. 13–287 Colo.
14886. obtusa Lec. 73–230 Utah
87. spoliata Horn 85–186 So.Cal. L.Cal.
88. forte Lec. 73–230 Ariz.
89. subrugosa Bland 62–267 L.Cal.
a. opaca Csy. 13–289 ?
90. ulkei Horn 85–186 N.Mex. Tex.
91. variolare Thoms. 67–77 Mex. (U.S.?)
92. crassa Lec. 53–234 N.Mex. Tex.

CYRTININI

Cyrtinus Lec. 52–166

14893. pygmæus (Hald.) 47–42 Can.-Ala. Ind.
minutissimus (Dej.) 36–357

PSENOCERINI

Psenocerus Lec. 52–158

14894. supernotatus (Say) 23–425 Can.N.C.Kan. L.I. Ia.
lunifer (Dej.) 36–375 Conn. Ind.

Psenocerus Lec.
a. tristis Csy. 91–45 N.C.
b. funebris Csy. 14–367 Pa.

MONOCHAMINI

Monochamus Serv. 35–91,
(*Monohammus* ‡ auct.)

14895. titillator (Fab.) 75–279 Can.-Fla. (Cal.?) Ind.
96. angusticollis Csy. 13–292 Tex.
97. carolinensis (Oliv.) 95–85 Va. N.J. Ind.
dentator (Fab.) 75–278
minor Lec. 73–231
98. maculosus Hald. 47–51 Colo. N.Mex.
clamator Lec. 52–149 [Ariz.
99. oregonensis Lec. 73–231 Vanc. Cal. Or. Wash. Alas.
14900. strenuus Csy. 13–293 Colo.
01. notatus (Drury) 75–65 Wis. Ind. N.Y.
confusor Kby. 37–168 Can. N.Eng.
02. obtusus Csy. 91–45 No.Cal.
03. monticola Csy. 13–293 Colo Mont.Or.
04. scutellatus (Say) 24–289 Me.-Wis. (Cal.?) Ind.
resutor Kby. 37–167 H.B.T.
mutator Lec. 50–235 L.Sup.
05. marmorator Kby. 37–169 Wis. N.S.
fautor Lec. 52–149 [L.Sup.
acutus Lac. 69–316

Ptychodes Serv. 35–76

14906. trilineatus (L.) 71–532 La. Tex. Ariz.
vittata (Fab.) 77–231 [L.Cal.
07. abbreviatus Csy. 93–593 Ariz.

Dorchaschema Lec. 52–147

14908. wildi Uhler 55–217 Md.-Ind.
09. alternatum (Say) 23–405 N.Y. Ill. S.C. Tex. Fla. Ind.
10. nigrum (Say) 27–272 Can.Va.Ill.La. Ind.

Hetœmis Hald. 47–54

14911. cinerea (Oliv.) 95–28 N.Y. Ala. Ill.
juglandis Hald. 47–54 [Ind. Conn.
trilineata (Say) 23–273

Cacoplia Lec. 52–149
(*Hebestola* ‡ Hald. 47–54 nec Blanch.)

14912. pullata (Hald.) 47–55 N.Y.-Ala.
* pruinosa (Lec.) 52–149 [Conn.
nebulosa (Hald.) 47–54

Hammoderus Thoms. 60–98

14915. tessellatus (Hald.) 47–51 Ga. N.Y.-La. Ind.
16. amplipennis Csy. 13–295 (Colo.?) N.C.

Goes Lec. 52–150

14917. tigrinus (DeG.) 75–113 Can.-Fla. Ind.
tomentosus (Ziegl.) 46–47
tigris (Schon.) 24–383
a. marmoratus Csy. 13–296 Tex.
18. pulcher (Hald.) 47–50 Vt. S.C. La. Wis.
19. pulverulentus (Hald.) 47–51 Mass. Fla. O. Ind.
20. robinsoni Csy. 14–368 R.I.
21. laurentieus Csy. 13–297 No.N.Y.
22. debilis Lec. 52–150 N.Y. La. Ia. Fla. Ind.

Microgoes Csy. 13–298

14923. oculatus (Lec.) 62–40 Can. Wis. Pa.
24. tenuicornis Csy. 13–298 Pa.

Plectrodera Lec. 52–151

14925. scalator (Fab.) 75–279 D.C.-Mont.-
belli (Lec.) 44–209 [La. Ind.

MESOSINI

Synaphæta Thoms. 64–484

14926. humeralis Csy. 13–299 Cal.
27. annulata Csy. 13–300 Cal.

Synaphæta Thoms.

14928. guexi (Lec.) 52–166 So.Cal. Vanc.
29. brevicollis Csy. 13–300 Cal.

* The numbers 14913 and 14914, which were used in error in the manuscript, are omitted.

ACANTHODERINI

Acanthoderes Serv. 35–29
14930. peninsularis Horn 80–116 L.Cal. Ariz. N.Mex.

Psapharochrus Thoms. 65–544
14931. quadrigibbus(Say)35–195 Mass. La. Fla. Ind.

Ægomorphus Hald. 47–45
14932. decipiens Hald. 47–45 Can.-Ga. La. Neb. Fla. Ind.
(*Æthiopoctines* Thoms. 68–147)
33. morrisi Uhler 55–417 Can. Pa. Md.
leucogenus Thoms. 68–148 Can.

Thryallis Thoms. 57–409
14934. undatus (Chev.) 35–61 Tex. Mex.

Steirastoma Serv. 35–24
14935. depressum (L.) 58–390 So.Am. (Fla.?)

Peritapnia Horn 94–404
14936. fabra Horn 94–404 Ariz.
wickhami (Leng) 96–114 So.Ariz.
37. nudicornis (Bates) 84–421 Mex. L.Cal.

ACANTHOCININI

Lagochirus Er. 47–144
14938. araneiformis (L.) 67–625 So.Am. W.I. Fla.
39. procerus Csy. 13–304 (?L.Cal.)
?obsoletus Thoms. 60–10 Mex. L.Cal.?

Cœnopœus Horn 80–117
14940. palmeri (Lec.) 73–233 Ariz. So.Cal.
41. niger Horn 94–402 L.Cal.

Glaucotes Csy. 13–305
14942. yuccivorus (Fall) 07–83 So.Ariz.

Leptostylus Lec. 52–168
(*Amniscus* Dej. pars)
14943. aculifer (Say) 23–329 Can.-Wis. Fla.
marginellus (Hald.) 47–47 [Ind.
tuberculatus (Frõl.) 32–123
44. albescens (Hald.) 47–46 Mo.
asperatus (Hald.) 47–46
45. divisus Csy. 13–306 Tex.
46. tæniatus Csy. 13–306 Fla.
47. argentatus Duv. 57–273 Cuba, So.Fla.
48. terræcolor Horn 80–122 Fla.
transversatus ‡ Lec.78–414
49. mutilus Csy. 13–307 Fla.
50. planidorsus Lec. 73–234 Mich.-Fla.
51. lecontei Csy. 13–305 Fla.
52. nebulosus Horn 80–122 Nev. Wash.
53. arcuatus Lec. 78–414 Fla.
*
54. collaris (Hald.) 47–46 Ala. Conn. Fla.
a. interruptus (Hald.) 47–48 N.Y. [Ky.
55. crescenticus Csy. 13–306 Fla.
**
56. albidus Lec. 52–168 Ariz.
57. biustus Lec. 52–169 Can. Fla. Tex.
58. minuens (Ham.) 96–123 Fla.
***
59. perplexus (Hald.) 47–46 Ga. Fla.

Astylopsis Csy. 13–309
14960. macula (Say) 26–269 Can. Va. Wis.
sticticus (Hald.) 47–48 [Ind.
61. guttata (Say) 25–269 Can. D.C. Wis.
sexguttata Say Lec. ed. 329 [Ind.
commixta (Hald.) 47–47
punctata (Hald.) 47–491
62. pini (Schffr.) 05–165 Ariz.

Astylidius Csy. 13–308
14963. parvus (Lec.) 73–234 Can. D.C. Kan. Fla. Tex. Ind.

Astylidius Csy.
14964. versutus Csy. 13–308 D.C.
65. leiopinus Csy. 13–308 Tex.
66. schwarzi (Ham.) 96–124 Fla.

Nyssodrysina Csy. 13–309
(*Nyssodrys* ‡ Horn nec Bates)
14967. haldemani (Lec.) 52–173 Ga. Ala (Pa.?)
— contempta Bates 64–152 Mex.

Leiopus Serv. 35–145
(*Liopus* ‡ auct.)
(*Amniscus* Hald. 45–46)
14968. variegatus (Hald.) 47–47 Can. Ala. Kan.
a. trifasciatus (Hald.) 47–47 [Ind.
b. obscurus (Hald.) 47–47
69. wilti Horn 80–124 Tex.
70. setipes Csy. 91–48 Tex.
71. crassulus Lec. 73–235 (?N.J.)-L.Cal. Tex. Ind. Fla.
72. centralis Lec. 84–24 Ariz.
73. decorus Fall 07–84 Ariz.
74. dentatus Csy. 13–311 Ill.
75. punctatus (Hald.) 47–49 D.C. Ind. N.J. Wis. Fla. Conn.
76. fascicularis (Harris) 36–68 Ind.
rusticus Lec. 52–173
xanthoxyli Shimer 67–7 N.Y. Fla. Wis.
77. testaceus Csy. 13–312 D.C. [Ind.
78. scapalis Csy. 13–312 Ind.
79. vicinus (Hald.) 47–49 N.Y. N.J.
80. pleuralis Csy. 13–312 D.C. Del.
81. misellus Lec. 52–173 Ind.
82. timidus Csy. 13–313 Pa.
83. obscurellus Csy. 13–313 No.N.Y.
84. cinereus Lec. 52–173 Fla. Ga. N.J. Mass.
85. alpha (Say) 27–270 Ind. Can. Fla.
lateralis (Hald.) 47–48 [Tex.
?divergens (Hald.) 47–48
a. floridanus Ham. 96–125 Fla.
86. foveatocollis Ham. 96–125 Fla.
87. moderator Csy. 13–314 D.C.
88. texanus Csy. 13–315 Tex.
89. houstoni Csy. 13–315 Tex.
90. mimeticus Csy. 91–48 Tex.

Mecotetartus Bates 72–213
(*Eutessus* Lec. 73–235)
14991. antennatus Bates 72–213 L.Cal.-Nic.
asper (Lec.) 73–339

Lepturgoides Schffr. 05–166
14992. pini Schffr. 05–166 Ariz.

Lepturges Bates 63–367

14993. canus Csy. 13–317 Tex.
94. confluens (Hald.) 47–50 Atl. St.
a. angulatus Lec. 52–172 Tex.
95. symmetricus(Hald.)47–50 N.Y.Ont.Ind.
pictus Lec. 52–171 [Ariz. Fla.
a. yucca Schffr. 05–167 Ariz.
96. megalops Ham. 96–127 Fla.
97. regularis Lec. 62–39 Ky.Ohio, Ind.
98. signatus Lec. 52–171 Can.Fla.Ia.
99. tenebrosus Csy. 13–320 No.N.Y. [Ind.
15000. celtis Schffr. 05–168 Tex.
01. querci Fitch 58–796 Can.Pa.Ohio, Wis.Ind.
02. tristis Csy. 13–321 Pa.
03. facetus (Say) 27–221 Mass.Wis. W.Va. Ind.

Valenus Csy. 91–50

15004. inornatus Csy. 91–50 Tex.

Hyperplatys Hald. 47–49

15005. maculata Hald. 47–49 Pa.Ariz.Ct.
06. lentiginoša Csy. 13–325 R.I. [Ind.
07. montana Csy. 13–325 Colo.
08. robustula Csy. 13–326 Ind.
09. amnicola Csy. 13–326 Ia.
10. delicata Csy. 13–327 R.I.
11. nigrella Hald. 47–49 Pa.
12. cryptica Csy. 13–327 Ind.
13. variolata Csy. 13–328 D.C. N.Y.
14. frigida Csy. 13–328 Me.
15. binocularis Csy. 13–328 N.Y.
16. aspersa (Say) 23–330 Ind.N.Y. Ct. Can.-Wis.-Fla.
17. vigilans Csy. 13–329 D.C.
18. femoralis Hald. 47–49 Fla.
19. californica Csy. 91–51 Cal.

Ceratographis Gahan 87–300

15020. biguttatus (Lec.) 52–172 Can.-Mich. Pa. Ind.

Graphisurini

Urographis Horn 80–128

15021. fasciata (DeG.) 75–414 Me.-Can.Wis. Fla. Ind.
despecta Lec. 50–234
mixtus (Fab.) 98–144
a. reducta Csy. 13–333 N.Y.
22. hebes Csy. 13–333 Ia. N.Y.
23. triangulifera(Hald.)47–45 O.La.Ga.

Graphisurus Kby. 37–169
(*Acanthocinus* auct.)
(*Ædilis* ‡ auct.)
(*Graphisurus* s. str.)

15024. obsoletus (Oliv.) 95–130 Can.Wis.Fla.
25. floridanus Csy. 13–336 Fla.
26. pusillus Kby. 37–169 Me.-No.N.Y.
27. acomanus Csy. 13–337 N.Mex.

Graphisurus Kby.

15028. obliquus Lec. 62–39 So.Cal.Ariz. Ut. Cal.
a. sedulus Csy. 13–337 N.Mex.
29. pacificus Csy. 13–338 No.Cal.
30. angulosus Csy. 13–338 N.Mex.
(*Canonura* Csy. 13–335)
31. spectabilis (Lec.) 54–82 Vanc. Nev. Ariz. So.Cal.
32. princeps (Walker) 66–331 Vanc.-No.Cal.
33. vinctus Csy. 13–340 No.Cal.
(*Tylocerina* Csy. 13–335)
34. nodosus (Fab.) 75–164 N.J. Fla.
bifidator (Fab.) 01–286
35. laticollis Csy. 13–341 N.C.
*
36. linearis Skinner 05–290 So.Ariz.

Dectini

Dectes Lec. 52–144

15037. spinosus (Say) 27–271 Mass.-La. Colo.L.Cal.? Ind.
38. texanus Lec. 62–39 Tex.
39. alticola Csy. 13–342 Mont.-N.Mex.

Dectes Lec.

15040. thoracicus Csy. 13–342 Ariz.
41. brevis Csy. 13–342 L.I. N.C.
42. latitarsis Csy. 13–342 Tex.
43. brevisetosus Csy. 13–343 Ariz.
44. discolor Csy. 13–343 Ariz.

Pogonocherini

Estolæ

Estola Fairm. 59–524

15045. sordida Lec. 73–237 L.Cal.
46. tigrina (Skinner) 05–291 Ariz.

Hoplosiæ

Hoplosia Muls. 63–300

15047. nubila (Lec.) 62–39 Can. N.Y. Ill.

Pogonocheri

Pogonocherus Latr. 29–124

15048. crinitus Lec. 73–237 Vanc. So.Cal.
49. penicellatus Lec. 50–234 Me.-L.Sup.
50. propinquus Fall 10–6 So.Cal.
51. carinatus Csy. 13–346 Colo.
52. arizonicus Schffr. 08–346 Ariz.
53. parvulus Lec. 52–160
54. salicicola Csy. 13–347 Mass.

Pogonocherus Latr.

15055. pictus Fall 10–6 Colo. N.Mex.
emarginatus Csy. 13–347 Colo.
56. mixtus Hald. 47–50 Can. Me.-Mont.-Ariz. Ind.
57. fastigiatus Csy. 13–348 Mont.
58. simplex Lec. 73–237
59. concolor Schffr. 09–101 Cal.
60. alaskanus Schffr. 09–385 Alaska
61. oregonus Lec. 61–254 Or. Cal. Idaho
62. negundo Schffr. 05–164 Ariz.
63. obscurus Fall 10–5 Ariz.
64. californicus Schffr. 08–347 Cal.
(*Lophopæum* ‡ Cr. 73–81 nec Bates)
65. volitans (Lec.) 73–232 L.Cal.
— fasciculatus (DeG.) 75–71 † Greenland

† Introduced.

Ecyrus Lec. 52–160
15066. fasciatus Ham. 96–137 Tex.
67. dasycerus (Say) 26–270 N.H.-Mich. N.C. Fla. Ind.
obscurus (Hald.) 47–50 Pa.
a. texanus Schffr. 08–347 Tex.
68. exiguus Lec. 52–160 O. Ga. Kan.

Eupogonii

Eupogonius Lec. 52–159
15069. tomentosus (Hald.) 47–50 Can.-Fla.
pinivora Fitch 57–26
70. vestitus (Say) 27–273 Can.-Ala.Tex. Ind. Fla.
pauper Lec. 52–159
71. pubescens Lec. 73–236 Ohio, Ill.

Eupogonius Lec.
15072. subarmatus (Lec.) 59–22 Can.-Pa.
73. fraxini Knull 18–132 Pa. Va.
74. fulvovestitus Schffr.05–134 Tex.

Lypsimena Lec. 52–155
15075. fuscata Lec. 52–155 N.Y.-Fla.
76. californica Horn 85–194 So.Cal. [Cuba

Zaploi

Pygmæopsis Schffr. 08–347
15077. viticola Schffr. 08–348 Tex.

Zaplous Lec. 78–415
15078. hubbardi Lec. 78–415 Fla.

DESMIPHORINI

Desmiphora Serv. 35–62
15079. mexicana Thoms. 60–75 Mex.(Tex.?)

Desmiphora Serv.
15080. intricata Csy. 13–350 Tex.
?hirticollis (Oliv.) 95–68 Brazil

ONCIDERINI

Lochmæocles Bates 80–124
15081. marmoratus Csy. 13–351 Ariz.
?tessellatus (Thoms.) 67–90 So.Am.

Oncideres Serv. 35–67
15082. pustulatus Lec. 54–82 Tex.(Laredo)
83. cornuticeps Schffr. 06–20 Tex.
84. trinodatus Csy. 13–352 Tex. Ariz.
?putator Thoms. 67–81 Ariz.
85. quercus Skinner 05–291 Ariz.
86. texanus Horn 85–195 Tex. Kan.
87. subtropicus Csy. 13–353 Tex.

Oncideres Serv.
15088. cingulatus (Say) 27–272 Pa.Conn.-Fla.
a. pallescens Csy. 13–353 N.Y.
89. præcidens Csy. 13–354 N.C.

Taricanus Thoms. 67–73
15090. truqui Thoms. 67–74 Tex. Mex.

Probatius Thoms. 60–17
15091. umbraticus(Duval)57–272 Cuba, Fla.
umbratilis ‡ auct.

ATAXIINI

Aporataxia Ham. 96–142
15092. lineata Ham. 96–142 Tex.

Ataxia Hald. 47–56
15093. spinicauda Schffr. 04–224 So.Fla.
94. sulcata Fall 07–84 Fla.

Ataxia Hald.
15095. crypta (Say) 32–6 Pa.- N.Mex.
sordida Hald. 47–56 [Fla.
96. setulosa Fall 07–84 L.Cal.
97. tibialis Schffr. 08–348 Tex.

HIPPOPSINI

Hippopsis Serv. 25–336
15098. lemniscata (Fab.) 01–330 N.Y.-Fla.Tex.
lineola Serv. 25–336 [Ind.

Dorcasta Pascoe 58–264
(*Aegilopsis* Horn 60–571)
15099. cinerea (Horn) 60–571 Tex.

Sicyobius Horn 80–137
15100. brousi Horn 80–137 W.Kan. Tex.

Parmenonta Thoms. 67–157
15101. wickhami Schffr. 08–350 Tex.

Spalacopsis Newn. 42–303
(*Euthuorus* Duv. 57–276)
15102. costulata Csy. 13–355 Fla.
?filum (Guér.).30–247
03. scapalis Csy. 13–355 Fla.
(*Spalacopsis* s.str.)
04. suturalis Ham. 96–145 So.Fla.
05. suffusa Newn. 40–305 Fla.
06. texana Csy. 91–51 Tex.
07. stolata Newn. 40–305 Fla. Cuba
?linum ‡ Ham. 96–145
08. pertenuis Csy. 13–357 Fla.

SAPERDINI

Felt & Joutel 04

Saperda Fab. 75–184
15109. obliqua Say 27–274 Can. Wis. Mo. Ala.
10. mutica Say 23–409 Can.-Kan. N.Y. Ind.
11. horni Joutel 02–33 No.Cal.-Wash.

Saperda Fab.
15112. candida Fab. 87–147 Me.-Mich.Ala.
bivittata Say 23–409
13. calcarata Say 23–408 Mass:-Vanc. Tex. Ind.
a. adspersa Lec. 50–234 L.Sup.

Saperda Fab.

15114. tridentata Oliv. 95–30 R.I.-Wis.-Tex.
dubiosa Hald. 47–45 [Ind.
a. trifasciata Csy. 13–359 Ind.
15. cretata Newm. 38–395 Mass.-Wis. Tex.
16. discoidea Fab. 98–147 N.Y.Mich.-La.
fuscipes Say 27–273 ♀ [Ind. Conn.
dorsalis Hald. 47–56
17. vestita Say 24–290 Mass.Wis.-Pa.
atkinsoni Curtis 28–275 [Ind.
18. imitans Felt & Joutel 04–58 Mass.Wis.-Pa. Ind.
19. lateralis Fab. 75–185 Mass.Wis.-Va. Ind.

Saperda Fab.

a. connecta Felt & Joutel 04–60 Wis.-Kan. Mass. N.Y.
15120. fayi Bland 63–320 N.Y.-O.-Pa.
21. puncticollis Say 23–406 Can.-Ark.-La.
trigeminata Rand. 38–43 Mass.
22. populnea (L.) 66–1047 Eur. & Wash.-So. & No.Cal.
a. mœsta Lec. 50–234 Can.-Wy. Pa.
b. tulari Felt & Joutel 04–70 Cal. Wash. Ariz.
23. concolor Lec. 52–163 N.Mex. Ariz.
a. unicolor Felt & Joutel 04–74 Mass.-Id.-Pa.
b. mecasoides Csy. 13–359 N.Y. [Ind.

PHYTOECIINI

Mecas Lec. 52–155

15124. cana (Newm.) 40–12 Fla.
25. saturnina Lec. 59–21 Kan.
26. inornata (Say) 23–407 Nev. Ia.-Mex.
?cinerea (Newm.) 40–13 [Cal.
?senescens Bates 84–86
27. cineracea Csy. 13–361 Tex.
28. marginella Lec. 73–239 Tex. N.Mex. Ill.
29. pergrata (Say) 23–408 Dak.-La. Ind.
gentilis Lec. 52–154
30. brevicollis Csy. 13–362 Kan.
31. ruficollis Horn 78–44 Tex. Mex.
32. femoralis (Hald.) 47–59 D.C.-Fla.

Oberea Muls. 39–194

15133. quadricallosa Lec. 74–68 Cal.
34. schaumi Lec. 52–153 La. Pa. Conn.
wapleri Chev. 52–420 [Ind. (Cal.?)
35. pruinosa Csy. 13–365 Mo.
36. ferruginea Csy. 13–366 Kan.
37. pallida Csy. 13–366 Me.
38. tripunctata (Swed.) 87–197 Can. Fla. N.
mandarina (Fab.) 01–321 ♂ [Mex. Ind.
amabilis Hald. 47–57
?myops Hald. 47–57 No.Ga.
?oculaticollis (Say) 23–406

Oberea Muls.

a. intermedia Csy. 13–367 Ind. Ill. Miss.
b. appalachiana Csy. 13–367 N.C.
15139. prælonga Csy. 13–368 No.N.Y.
40. exilis Csy. 13–368 Pa.
41. delicatula Csy. 13–368 D.C.
42. perspicillata Hald. 47–57 N.C.
43. montana Csy. 13–369 Utah, Idaho
44. filum Csy. 13–369 Pa.
45. basalis Lec. 52–153 Ga. N.C. Fla.
46. iowensis Csy. 13–370 Ia. No.Ill.
47. insignis Csy. 13–370 N.C.
48. bimaculata (Oliv.) 95–21 Pa. Conn. Ind.
tripunctata ‡ (Fab.) 98–310
?affinis Harris 42–91
?texana Horn 78–47
49. flavipes Hald. 47–57 Md.
50. umbra Csy. 14–370 N.C.
51. dolosa Csy. 13–371 N.C.
52. ocellata Hald. 47–57 N.Y. Fla. Tex. Conn. Ind.
a. plagiata Csy. 13–371 N.C.
53. ruficollis (Fab.) 75–311 Mass.-Ga.
plumbea (Oliv.) 95–21 [Kan. Ind.
?tibialis Hald. 47–57 Pa.
femoralis ‡ Lec. 52–153
54. gracilis (Fab.) 01–324 N.Y.-Fla.

TETRAOPINI

Tetrops Steph. 39–269

(*Phœa* Newm. 40–13)
(*Oberopa* Hald. 47–57
15155. canescens Lec. 52–157 N.J. Kan. N.Mex.
56. jucunda Lec. 62–40 M.St.Neb.Pa.
57. expurgata Csy. 13–386 Ind.
58. monostigma (Hald.) 47–57 Pa. Ind.

Tetraopes Serv. 35–68

15159. discoideus Lec. 58–26 Tex.-Idaho
?rubrocinereus Thoms. 60–67
60. nigricollis Csy. 13–376 N.Mex.
61. nanulus Csy. 13–376 Ariz.
62. canteriator (Drap.) 19–47 Can. Fla. Ia.
arator (Germ.) 24–486 [Ind.
13-punctatus (Drap.) 19–47
63. elegans Horn 94–401 L.Cal.
64. quinquemaculatus Hald. 47–53 N.Mex. Ind.
a. texanus Horn 78–49 Tex.
65. mancus Lec. 59–81 Cal. Nev.

Tetraopes Serv.

15166. omissus Csy. 13–377 Cal.
67. vestitus Csy. 13–378 Colo.
68. canescens Lec. 52–157 Kan. Tex.
annulatus || Lec. 47–93 [N.Mex.
a. fontinalis Csy. 13–378 N.Mex.
69. uteanus Csy. 13–378 Utah
70. tetrophthalmus (Forst.) 71–41 Conn. Ind.
tornator (Fab.) 75–287 Can.S.C.Kan.
a. iowensis Csy. 13–386 Ia.
71. humeralis Csy. 13–379 Dak.
72. junctus Csy. 13–380 Colo.?
73. velutinus Csy. 13–380 Kan.
74. robustus Csy. 13–381 Colo?
75. brevisetosus Csy. 13–381 Kan.
76. sublaevis Csy. 13–382 Cal.
77. obsoletus Csy. 13–382 No.Cal.
78. coccineus Csy. 13–382 Cal.
79. sandix Csy. 14–370 So.Cal.
80. punctipennis Csy. 13–383 Tex.
81. atrisetosus Csy. 13–383 N.Mex.

Tetraopes Serv.
15182. femoratus Lec. 47–93 Ill. Cal. Ariz. So.Cal. Ind.
a. amnicola Csy. 13–383 Ia.
b. monticola Csy. 13–384 Utah
?basalis Lec. 52–157
?oregonensis Lec. 69–81 Wash.-Ariz.
?texanus Horn 78–49
83. collaris Horn 78–49 Colo. N.Mex.
vegasensis Csy. 13–380 N.Mex.

Tetraopes Serv.
15184. ruber Csy. 13–384 Ariz.
85. spissicornis Csy. 13–384 Ariz.

Amphionycha Lec. 52–154
15186. flammata (Newn.) 40–13 N.Y.Fla.Kan.
marginata ‡ (Hald.) 46–373 [Ind.
ardens Lec. 59–22 Fla.
87. amoena Ham. 96–161 Tex.
88. suturalis Linell 96–398 Tex.

CHRYSOMELIDÆ

SAGRINÆ

Clavareau 13

Aulacoscelis Chev. 43–338
15189. femorata Jac. 88–5 Mex. Ariz.
90. högei Jac. 88–3 Mex. (Vanc.?)

Aulacoscelis Chev.
15191. purpurea Horn 92–46 So.Cal. N.Mex. Ariz.
92. candezei Chap. 74–55 Mex. (U.S.?)

DONACIINÆ

Leng 91; Clavareau 13

Haemonia Latr. 29–136
(*Macroplæa* Sam. ined.)
15193. nigricornis Kby. 37–222 U.S. Mex.Ind.
americana Guér. 44–259
flohri Jac. 84–126
melsheimeri Lac. 45–211

Donacia Fab. 75–195
15194. hirticollis Kby. 37–226 Cal.Can.N.Y.
rudicollis Lac. 45–108
95. pubicollis Suffr. 72–21 Ill. Ind.
96. pubescens Lec. 67–55 Can. Mich. Ill. Ind.
*
97. floridæ Leng 91–166 Fla.-N.J.
98. proxima Kby. 37–225 Cal.Can.N.H.
episcopalis Lac. 45–105 [Ind. Nfld.
quadricollis var. Say 27–282
californica Lec. 61–357
a. cincticornis Newn. 38–391 Mass.-Mich. Tex.Ind.(Fla.)
lucida Lac. 45–106
pulchella Lec. 51–312
rufipennis Lac. 45–110
b. magnifica Lec. 50–236 L.Sup. H.B.T. Can.
99. palmata Oliv. 95–8 Can. Wis. Pa. [Ind.
claudicans Germ. 21–173
militaris Lac. 45–115
assimilis Lac. 45–153
vicina Lac. 45–154
cœrulea Oliv. 95–10
15200. hypoleuca Lac. 45–101 La. Tex. Fla.
texana Cr. 73–22
01. rufescens Lac. 45–112 (Fla.?) Mass.-N.J. Ind.
02. piscatrix Lac. 45–113 N.Y. Fla. Cal.
alutacea Lec. 51–311 [Ind.
carolina Lac. 45–114
congener Lec. 51–310
**
03. subtilis Knnze 18–14 N.H. Can. Dak. Ind.

Donacia Fab.
aenea || Ahr. 10–21 Colo. Pa.
aerea Lac. 45–148
confluens Lec. 51–312
confluenta Say 27–293
fulgens Lec. 50–236
quadricollis Say 27–282
15204. curticollis Knab 06–122 Ill. Ind.
05. megalocera Weise 13–18 Ind.
megacornis || Blatch. 10–1103
06. rugosa Lec. 78–415 Fla.-Mass. Ind.
07. porosicollis Lac. 45–150 Mich. Pa.
***
08. harrisi Lec. 51–316 Mass. N.Y. Ind.
(*Plateumaris* Thoms. 66–121)
15209. æqualis Say 23–428 Can. Ga. Ia.
confusa Lac. 45–109 [Ind.
pallipes Lac. 45–109
10. tuberculata Lac. 45–155 Mass.-D.C.
rutila Melsh. 47–159
11. distincta Lec. 50–236 Mass.-Wis.
æqualis ‡ Kby. 37–227 [Ind.
12. torosa Lec. 51–313 Mass.-Ia.
13. pusilla Say 27–293 Mass.-Vanc.
aurifera Lec. 50–237 [Nfld.
cataractæ Newn. 38–391
cuprea Kby. 37–225
dives Lec. 51–314
fulvipes Lac. 45–192
a. pyritosa Lec. 57–66 Cal. Nfld.
14. femoralis Kby. 37–223 Can.-Vanc. [Alas.
flavipennis Mann. 43–306
germari Mann. 43–306
indica Melsh. 47–158
15. metallica Ahr. 10–33 Mass. Fla. Ill.
gentilis Lec. 51–314 [Ind.
nana Melsh. 47–160
16. emarginata Kby. 37–224 Mass.Vanc.l'a.
aurichalcea Melsh. 47–159 [Nfld. Ind.
biimpressa Melsh. 47–151

Donacia Fab.
junci Couper 64–88
rugifrons Newn. 38–391
15217. flavipes Kby. 37–223 Can.Mich.Pa.
chalcea Lac. 45–188 [Ind.
jucunda Lec. 50–237
parva Lac. 45–190

Donacia Fab.
15218. rufa Say 27–283 Can. Mass. O.
affinis Kby. 37–224 [Ind.
kirbyi Lac. 45–202
metallica ‡ Say 27–283
sulcicollis Lac. 45–186
— nitida Germ. 11–31 N.Am.

ORSODACNINÆ

Horn 92; Clavareau 13

Orsodacne Latr. 02–223
15219. atra (Ahr.) 10–46 N.Eng.-Vanc. Ind. N.C.Colo.
a. childreni Kby. 37–221 Can. [Ariz.
b. hepatica Say 27–281 Miss. Ind.
ruficollis Newn. 38–392
c. luctuosa Lac. 45–72 Or.
d. tibialis Kby. 37–221 Can. L. Sup.
inconstans Newn. 38–391
e. trivittata Lac. 45–71 Ind.
tricolor Melsh. 47–60
f. vittata Say 23–430 Ind. Conn.
armeniacæ Germ. 23–526

Syneta Lac. 45–266
15220. carinata (Mann.) 43–307 Alas. Id. Ut.
21. simplex Lec. 57–66 Or. Wash.
22. hamata Horn 93–133 Alas. No.Cal.
23. ferruginea (Germ.) 11–34 Lab. Nfld. Va.
tripla Say 27–281 [Mich. Ind.
costata Newn. 38–391
rubicunda Lac. 45–230

Syneta Lac.
15224. albida Lec. 57–66 Or.-Cal.
suturalis Lec. 59–90
seriata Lec. 59–90
(*Thricolema* Cr. 74–79)
25. anomala Cr. 74–79 Cal.

Zeugophora Kunze 18–71
(*Taraxis* Lec. 50–237)
15226. abnormis (Lec.) 50–237 L.Sup.-Wash. N.Mex.
27. kirbyi Baly 64–183 W.N.Y.
28. reineckei Grote 79–5 N.Y.
29. scutellaris Suffr. 40–99 Eur.& Sib.Ill. Or. Mich. Ind. N.Mex.
30. consanguinea Cr. 73–23 No.Ill. Ind. Conn.
31. californica Cr. 74–78 Or.-So.Cal.
32. puberula Cr. 73–23 Mass. Ill.
33. varians Cr. 73–27 Pa.-Wash.Ind.

CRIOCERINÆ

Clavareau 13

Crioceris Geoff. 62–237
15234. asparagi (L.) 58–376 †Eur.& L.I. Va. O. Conn.
35. duodecimpunctata (L.) 58–376 †Eur.Md.D.C. N.J. Conn.

Lema Fab. 98–90
15236. cornuta Fab. 01–475 U.S. Mex. Fla.
37. concolor Lec. 85–24 N.Mex.
38. texana Cr. 73–24 Tex. Fla.
39. brunnicollis Lac. 45–391 Ind.Fla.Conn.
40. palustris Blatch. 13–22 Ind.
41. coloradensis Linell 98–475 Colo.
42. maculicollis Lac. 45–392 N.Am. Fla.
43. collaris Say 24–430 Mo. Ind. Fla.
44. longipennis Linell 98–474 Colo.
45. peninsulæ Cr. 73–24 Cal.
46. solani Fab. 98–93 N.Am. Fla.
47. omogera Horn 94–405 L.Cal.
48. circumvittata Clark 66–41 Fla.
49. halteata Lec. 85–24 Ariz.
50. conjuncta Lac. 45–408 Tex. Ark. N.Am.

Lema Fab.
15251. confusa Chev. 35–166 Cuba, Mex.
52. lebioides Linell 98–474 Tex. [Fla.
53. trilineata (Oliv.) 08–739 Cuba, Mex.
lecontei Clark 66–31 Conn.Fla.Ind.
trivirgata Lec. 59–22
trivittata Say 24–429
a. immaculicollis Chev. 35–112
54. flavida Horn 94–405 L.Cal.
55. nigrovittata Guér. 29–262 Mex. So.Cal. Ariz.
56. sexpunctata Oliv. 08–738 N.Am. Mex.
sexmaculata Germ. 23–526
a. albini Lac. 45–492 Ind. Fla.
b. epbippium Lac. 45–483 Fla.
57. æmula Horn 94–406 L.Cal.
58. jacobina Linell 98–474 Tex.
59. sayi Cr. 73–25 So.St. Ind.
— ornata Grav. 07–138 N.Am.
— melanocephala Say 27–294 N.Am.
— pubipes Clark 66–52 Tex.

MEGASCELINÆ

Clavareau 13

Megascelis Latr. 29–138
15260. texana Linell 98–473 Tex.

† Introduced.

CLYTRINÆ

CLYTRINI

Clavareau 13

Antipus DeG. 78–659
(*Anomœa* Lac. 48–130)
15261. hoegei Jac. 88–66 Mex. Tex.
62. laticlavia (Forst.) 71–27 U.S.-So.Am. Ind.
ephippium (Germ.) 23–548 ♀ Conn.-Fla.

Antipus DeG.
mutabilis (Lac.) 48–137
nigripes (Fab.) 76–221 ♂
obsita (Fab.) 75–106
?rufieauda Foersb. 21–261
15263. militaris Lec. 58–83 Tex.

MEGALOSTOMINI

Horn 92

Megalostomis Lac. 48–519
(*Minturnia* Lac. 48–520)
15264. pyropyga Lac. 48–524 Mex.& Ariz.
65. major (Cr.) 73–29 Tex. Ariz.
66. subfasciata (Lec.) 67–56 Kan. Ariz.

Coscinoptera Lac. 48–511
A.
15267. dominicana (Fab.) 01–34 N.Eng.-Fla. Mex. Ind.
franciscana Lec. 59–22 Kan.
dorsalis Lec. 74–25 Ariz.
68. seminuda Horn 92–13 Ariz.
69. vittigera Lec. 61–357 Dak.-Ariz.
B.
70. axillaris Lec. 68–56 Colo.-Tex.
71. canella Lec. 74–25 So.Cal. Ariz.
bifaria Lec. 74–25

Coscinoptera Lac.
15272. schæfferi Clav. 07–88 L.Cal.
tibialis || Schffr. 05–135
73. mucorea Lec. 58–83 So.Cal. Ariz.
74. æneseens Cr. 73–29 Ga.
75. æneipennis Lec. 58–26 Tex.Ariz.Mex. So.Cal.

Euryscopa Lac. 48–493
15276. lecontei Cr. 73–28 Tex.Ariz.Mex.
scapularis ‡ Lec. 58–41 [So.Cal.
longicollis Jac. 88–78
parvula Jac. 88–79 Ariz.
77. pusilla Horn 92–16 Tex.
78. subnigra Schffr. 05–136 L.Cal.
79. subtilis Horn 92–17 So.Cal.
80. vittata Lec. 58–26 Tex. Ariz.
81. pilatei Lac. 48–504 Tex. [So.Cal.

BABIINI

Babia Lac. 48–424
15282. quadriguttata (Oliv.) 91–37 U.S.& Mex. Ariz. Ind. Conn. So.Cal.
quadriforis (Newn.) 41–78
a. pulla Lac. 48–429
b. tetraspilota Lec. 58–83
83. humeralis (Fab.) 01–37 Mex.-U.S.
costalis (Försb.) 21–271

Urodera Lac. 48–449
15284. crucifera Lac. 48–454 Mex.-U.S. Ariz.

Ischiopachys Lac. 48–468
15285. proteus Lac. 48–470 Mex.-U.S.

Saxinis Lac. 48–478

Saxinis Lac.
15286. speculifera Horn 92–10 So.Cal.
87. saucia Lec. 57–66 So.Cal.-Vanc.
bisignata (Walk.) 66–333
a. propinqua Jac. 76–810 Cal.
b. politula Horn 92–10 Cal. So.Cal.
c. californica Schffr. 06–225 Cal.
88. apicalis Lec. 85–25 So.Ariz.
89. scutellaris Schffr. 06–222 Ariz.
90. sonorensis Jac. 89–88 Ariz.
91. horni Fall 09–165 L.Cal. (So.Cal.?)
92. omogera Lac. 48–482 Vt. N.J. Ga. Nev.Ariz.Ind.
a. sinuata Schffr. 06–225 Tex. Ariz.
93. subpubescens Schffr. 06–221 Ariz.
94. knansi Schffr. 06–222 Kan.

CHLAMYDINÆ

Linell 98; Schaeffer 06; Clavareau 13

Chlamys Knoch 01–122
15295. prosternalis Schffr. 06–227 Tex.
96. memnonia Lac. 48–708 Ariz. Tex.
97. gibbosa (Fab.) 77–212
plicata (Fab.) 98–111 Conn.Fla.Tex.
tuberosa Knoch 01–128 [Ind.
98. tuberculata Klug 24–122 Fla.
99. cribripennis Lec. 78–614 Mich.
15300. foveolata Knoch 01–130 Tex. Fla.
affinis Klug 24–115
assimilis Klug 24–239
polycocca Lac. 48–704
01. maculipes Chev. 35–120 Mex.-Tex.

Chlamys Knoch.
15302. texana Schffr. 06–227 Tex.
03. huachucæ Schffr. 06–228 Ariz.
04. arizonensis Linell 98–476 Ariz.

Exema Lac. 48–844
15305. gibber (Oliv.) 91–876 Fla.La.
nodulosa (Blatch.) 13–22 Fla.
06. conspersa (Mann.) 43–311 Atl.-Pac. Ind. Conn. Md. So.Cal.
rugulosa (Mots.) 45–109
a. dispar Lac. 48–850 Ariz.

CRYPTOCEPHALINÆ

PACHYBRACHYNI

Fall 15

Griburius Hald. 49–245
(*Scolochrus* Suffr. 52–104)

15307. larvatus (Newn.) 40–250 Fla.-Mex.
spadiceus (Suffr.) 52–131
decoratus (Suffr.) 52–124
08. scutellaris (Fab.) 01–54 Ind.
09. equestris (Oliv.) 08–804 O.
10. montezuma (Suffr.) 52–116 Tex. Ariz.
speciosus Lec. 67–56 [L.Cal.
a. suffriani Jac. 80–60 Mex.
11. lecontei Cr. 73–32 Tex.

Pachybrachys Redt. 45–118
(*Chloropachys* Rey 83–263)
(*Pachystylus* Rey 83–263)

15312. pubescens (Oliv.) 08–820 Conn.-S.C. Ohio
morosus Hald. 49–260 Ind. Fla.
13. hæmatodes Suffr. 52–150 Mex.Ariz.Tex. Colo.
14. integratus Fall 15–327 Cal. Ariz.
15. connexus Fall 15–328 Ariz.
16. vigilans Fall 15–329 L.Cal.
17. wickhami Bowd. 09–238 Ariz. L.Cal.
18. thoracicus Jac. 89–136 Mex. Ariz.
19. analis Lec. 61–357 Utah-L.Cal.
20. desertus Fall 15–332 Cal. Ariz.
21. xanti Cr. 73–32 Ariz. Tex. Ut. So.Cal.
22. marmoratus Jac. 89–148 Tex.Ariz.Colo.
23. donneri Cr. 74–78 Cal. Wash.
24. uteanus Fall 15–335 Utah, N.Mex.
25. brunneus Bowd. 09–238 Tex. So.Cal.

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26. purus Fall 15–336 Ariz. So.Cal.
27. mellitus Bowd. 09–241 Tex. Cal.
28. xantholucens Fall 15–337 Tex. N.Mex.
29. jacobyi Bowd. 09–240 Tex.Colo.Cal.
30. densus Bowd. 09–242 Ariz. Cal.
31. immaculatus Jac. 89–148 Tex. Ariz.
32. insidiosus Fall 15–340 Ariz.
33. marginipennis Bowd. 09–285 So.Cal.
34. punctatus Bowd. 09–285 Cal.
a. shasta Bowd. 10–56 Cal.
35. convictus Fall 15–344 Cal.
36. arizonensis Bowd. 09–286 Kan.Tex.Cal.
37. lodingi Bowd. 09–243 N.C. Fla.
38. placidus Fall 15–346 Ariz.
39. livens Lec. 58–84 Cal. (Ariz.?)
40. mercurialis Fall 15–347 Cal. Utah
41. parvinotatus Fall 15–348 Colo. Kan.
42. mitis Fall 15–349 Tex.
43. coloradensis Bowd. 09–242 Mont. Ariz.
sevier Bowd. 09–315
44. minor Bowd. 09–243 Tex.-Cal.
45. nero Bowd. 09–315 Tex.-Ariz.
46. petronius Fall 15–352 N.Mex. Ariz.
47. tacitus Fall 15–353 Ariz.
48. abdominalis (Say) 23–437 Ind.Man.-Tex.
rotundicollis Bowd. 09–318 [Ariz.
49. diversus Fall 15–355 Ill. Neb. Tex.
50. pusillus Bowd. 09–317 Tex. Ariz.
51. macronychus Fall 15–358 Tex.

Pachybrachys Redt.

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15352. crassus Bowd. 09–290 Utah, Ariz.
53. longus Bowd. 09–313 Ariz.
54. bullatus Fall 15–361 Ariz. Tex.
55. texanus Bowd. 09–316 Tex.
56. uncinatus Fall 15–363 Ariz.
57. pectoralis (Melsh.) 47–171 N.H.-Ga. Ill.
58. sobrinus (Hald.) 49–262 Vt.-N.C.-Ark.
pectoralis ‡ Suffr. 52–187 [Fla.
?oculatus Suffr. 52–178
sticticus Blatch. 10–1130 Ind.
59. contractifrons Fall 15–365 Ariz.
60. alacris Fall 15–366 Ariz.
61. chaoticus Fall 15–367 Ariz.
62. peltatus Fall 15–367 L.Cal. Mex.
63. peninsularis Fall 15–368 L.Cal.
64. turgidicollis Fall 15–369 Tex.
65. illectus Fall 15–370 Fla.
66. proximus Bowd. 09–313 Utah
67. nunenmacheri Fall 15–372 So.Ariz. [So.Cal.
68. fortis Fall 15–373 So.Ariz.
69. femoratus (Oliv.) 08–810 Conn.Fla.Tex.
sparsus (Newn.) 41–78 [Ind.
a. aquilonis Fall 15–375 Mass. Va.
70. characteristicus Suffr. 52–176 Fla.
71. subfasciatus Lec. 48–173 Mass. La. Ind.
biguttatus Suffr. 52–167
72. impurus Suffr. 52–186 Ill. Neb. Tex.
a. xanthias Suffr. 52–199
b. umbrosus Fall 15–379 Kan.
73. calidus Fall 15–379 Tex. Ariz.
74. brevicornis Fall 15–380 Tex.
75. prosopis Fall 15–381 So.Cal. Ariz.
76. wenzeli Fall 15–382 Tex. Ariz.
77. snowi Bowd. 09–290 Ariz.
78. turbidus Lec. 48–208 Kan. Tex.
79. latithorax Clav. 13–100
laticollis || Jac. 89–72 Tex. Ariz.
80. duryi Fall 15–385 Tex.
81. gracilipes Fall 15–386 W.Tex.
82. confederatus Fall 15–387 Conn.-N.C.
83. tybeensis Fall 15–388 Ga.
84. calcaratus Fall 14–389 Mich. La.
85. cylindricus Bowd. 09–291 Ut. So.Cal.
86. tumidus Bowd. 09–292 Ariz.
87. notatus Bowd. 10–53 Ariz.
88. caelatus Lec. 58–84 Ariz.Kan.Tex. So.Cal.
89. brevicollis Lec. 80–208 Tex. Mont.
90. nubigenus Fall 15–394 So.Cal.
91. punicus Fall 15–396 So.Cal.
92. melanostictus Suffr. 52–191 Cal. Colo.
93. peccans Suffr. 52–192 N.B.-N.Mex.
94. signatifrons Mann. 43–311 Cal. [Ind.
95. signatus Bowd. 09–288 Ariz.-Tex.
96. postfasciatus Fall 15–402 Kan.Tex.Ariz.
97. vacillatus Fall 15–403 Cal. Colo.
98. badius Fall 15–404 So.Cal.
99. quadratus Fall 15–405 So.Cal.
15400. mobilis Fall 15–406 So.Cal.Tex.
01. delumbis Fall 15–407 Tex.

Pachybrachys Redt.

15402. pluripunctatus Fall 15–408 Cal.
03. bajulus Suffr. 52–175 Ariz.
04. nobilis Fall 15–409 Ariz.
05. fuscipes Fall 15–410 N.Mex.
a. purgatus Fall 15–411 Ariz.
06. sanrita Bowd. 09–289 Ariz.
07. atomarius (Melsh.) 47–170 Ind.
infaustus Hald. 49–262 Conn. Fla.
atomus Bowd. 09–319 Kan. Pa.
08. vestigialis Fall 15–415 Kan.Miss.Tex
09. obfuscatus Fall 15–416 N.C. Ga.
10. stygicus Fall 15–416 Fla. Ala.
11. lachrymosus Fall 15–417 Ariz.
12. cephalicus Fall 15–418 Ga.-La.
a. dixianus Fall 15–419 Ala. Miss.
b. parvus Fall 15–419 Mass.-Ala.
13. roboris Fall 15–420 E.U.S.
14. spumarius Suffr. 52–179 N.C. Ala. Ind.
15. relictus Fall 15–424 N.Y. Tenn.
16. carolinensis Bowd. 10–5 N.C. Md.?
17. luctuosus Suffr. 58–401 5 Ga.-D.C.
18. varians Bowd. 09–321 Ga. Fla. Tex.
19. conformis Suffr. 52–205 Fla.
20. osceola Fall 15–428 Fla.
21. quadri-oculatus Fall 15–429 Ga.
22. fractus Fall 15–430 Tex.
23. truncatus Bowd. 09–314 Ariz.
24. precarius Fall 15–431 Tex. Ariz.
25. nogalicus Fall 15–432 Ariz.
26. croftus Bowd. 09–322 Colo. Ariz.
27. sonorensis Jac. 89–151 Ariz. Tex.
28. varicolor Suffr. 52–153 Colo. Ariz.
renidens Lec. 48–208
laevicollis Bowd. 09–322
29. lustrans Lec. 80–208 Cal.
30. californicus Fall 15–437 Cal. Ariz.
a. gagates Fall 15–438 So.Cal.
31. pinguescens Fall 15–438 Cal. Ariz.
32. tridens (Melsh.) 47–172 Fla.Conn.Ind.
mollis Hald. 49–263
a. flavicornis (Melsh.)47–172 Pa.
33. obsoletus Suffr. 52–200 N.H. Fla. B.C.
34. alticola Fall 15–442 Colo. N.Mex.
35. laevis Bowd. 09–316 Tex. Colo. N.Mex.
36. nubilus Bowd. 09–312 Ariz. Utah
37. conspirator Fall 15–445 Ariz.
38. subvittatus Lec. 80–208 Tex.
39. liebecki Fall 15–447 Kan.
40. bivittatus (Say) 23–440 N.H.-L.Cal.
viduatus var.‡ Suffr. 52–156 [Ind.
albescens Suffr. 58–404
41. sublimatus Fall 15–449 Cal.
42. circumcinctus Cr. 74–79 Cal. Or.
43. consimilis Fall 15–450 Cal.

Pachybrachys Redt.

15444. litigiosus Suffr. 52–217 Ind. N.J. Fla.
45. virgatus Lec. 48–205 Neb.Tex.Colo.
46. dubiosus Lec. 48–206 Tex. Fla.
47. pawnee Fall 15–452 Kan. Dak.
48. vau Fall 15–453 Tex.Colo.Ariz.
a. imperfectus Fall 15–454 Tex.
49. umbraculatus Suffr. 52–213 Ariz. Tex.
50. pallidipennis Suffr.58–406 Kan. Tex. Fla.
striatus Lec. 80–205 Tex.Kan.Colo.
51. othonus (Say) 25–28 Ind. Atl. Colo.
marginaticollis Rand 38–46
52. præclarus Weise 13–219 Ind. S.Dak.
elegans || Blatch. 10–1127
53. antolycus Fall 15–458 Me.-Wash. Ariz.
a. difficilis Fall 15–459 Me. Mich. Ariz.
b. wahsatchensis Fall 15–459 Utah-Wash.
54. nigricornis (Say) 23–436 Kan. Colo.
55. carbonarius Hald. 49–260 Ind.Conn.Fla. Kan.
a. janus Fall 15–462 Neb. Man.
56. picturatus (Germ.) 24–560 N.C.
57. vidnatus (Fab.) 01–49 Ga. Tex.
58. m-nigrum(Melsh.)47–170 Conn. Ind.
intricatus Suffr. 52–180
59. trinotatus(Melsh.)47–170 Fla.Conn.Ind.
60. pulvinatus Suffr. 52–151 N.J. Fla. La.
61. confusus Bowd. 09–365 D.C. La. Ind.
proximus || Bowd. 09–360
62. luridus (Fab.) 98–109 Atl.-Colo. Ind.
femoratus (Say) 23–440
aesculi (Melsh.) 47–171
moerens Stal 57–63
a. nigrinusBlatch. 10–1130 Atl.-Colo. Ind.
b. festivus Fall 15–470 Kan.-Ariz.
63. vulnerosus Fall 15–471 Ariz.
64. falli n.m. instabilis || Fall 15–471 Tex.-Kan.
65. hybridus Suffr. 52–157 Cal. Tex.
66. discoideus Bowd. 09–239 Fla. D.C.
limbatus || (Newn.) 41–250
67. marginatus Bowd. 09–239 Ariz.
a. sanguineus Fall 15–474 Ariz.
68. cruentus Lec. 80–206 Tex.
69. dilatatus Suffr. 52–162 Ga. Ind.
subfasciatus ‡ Blatch. 10–1131
70. hepaticus (Melsh.)47–171 Fla. Can. Ind.
punctatus Hald. 49–257 [Ariz.
a. heterodenus Fall 15–478 Ariz.
71. microps Fall 15–478 Ariz.
— eburifer Suffr. 66–394 So.Am.(Tex.?)
— oculatus Suffr. 52–178 N.Am. (U.S.?)
— puncticollis Bowd.09–317 Mex. (Ariz.?)

MONACHULINI

Leconte 80

Monachulus Leng 18–208
(*Monachus* || Suffr. 52–210)

15472. ater (Hald.) 49–264 Atl.St. Ind. Fla.
73. saponatus (Fab.) 01–55 M.&So St.Ind. Fla.
74. thoracicus Cr. 73–31 N.C.-Fla.

Monachulus Leng

15475. auritus (Hald.) 49–264 Ga. Fla.
affinis (Hald.) 49–264 ♀
76. guerini (Perbosc.) 39–264 Ariz. Mex.
seminulum Suffr. 58–344
— nitidulus (Fab.) 01–40 N.Am. (U.S.?)
— punctulatus (Fab.) 01–40 N.Am. (U.S.?)

CRYPTOCEPHALINI

Leconte 80; Clavareau 13

Cryptocephalus Geoffr. 62–231
(*Canthastethus* Hald. 49–246)

15477. basalis Suffr. 52–54 Mex. Ind.
mucoreus Lec. 60–23 Kan. Tex.
78. pubicollis Linell 98–480 Ariz.
79. notatus Fab. 87–83 Atl. St.
a. quadrimaculatus Say 23–441 Minn.Kan.Fla. Ind. Conn.
b. fulvipennis Hald. 49–256 Fla.
80. quadruplex Newn. 41–78 Atl. St. Ind.
a. quadriguttulus Suffr.52–65 N.C. [Conn.
81. sanguinicollis Suffr. 52–78 Or.-So.Cal.
a. nigerrimus Cr. 74–78 Or.
82. arizonensis Schffr. 04–225 Ariz.
83. guttulatus Oliv. 08–815 Fla.Atl.St.Ind.
lautus Newn. 40–250
84. cribripennis Lec. 80–200 Tex.
85. umbonatus Schffr. 06–232 Ariz.
86. bivius Newn. 40–249 Ga. Tex. Fla.
87. leucomelas Suffr. 52–36 Pa.Ga.N.Mex.
a. vitticollis Lec. 80–200 [Ind. Ariz.
88. duryi Schffr. 06–230 Tex.
89. castaneus Lec. 80–200 Cal. So.Cal.
90. amatus Hald. 49–253 Mo. Wy.
91. defectus Lec. 80–201 Tex.
92. brunneovittatus Schffr. 04–226 Tex.
93. confluens Say 23–440 Kan.Tex.Colo. Fla.
94. spurcus Lec. 58–84 Cal. So.Cal.
95. venustus Fab. 87–79 Fla. N.Y.-Ga. Tex.Ind.Conn.
flaccidus Suffr. 51–239
a. cinctipennis Rand. 38–45 Ind. Conn.
b. hamatus Melsh. 47–174 Conn.
c. ornatulus Clav. 13–194 Fla.
ornatus Fab. 98–106
d. simplex Hald. 49–249 So.St.
96. obsoletus Germ. 24–559 Fla. Ga.
incertus ‡ Hald. 49–250
ornatus ‡ Suffr. 52–229
97. nanus Fab. 01–56 Ark. Fla.
98. carinatus Lec. 80–202 Kan.
99. insertus Hald. 49–252 Ga. Conn.
ellipsoidalis Csy. 84–66
15500. calidus Suffr. 51–241 Alt. St.
?bispinus Suffr. 58–347
ornatus ‡ Say 25–28
venustus ‡ Hald. 49–251
01. gibbicollis Hald. 49–252 Atl. St.
albicans Hald. 49–252
02. aulicus Hald. 49–249 Ga. Fla.
03. trivittatus Oliv. 08–824 Middle St.Ind.
?lixus Newn. 40–250 [Conn.
vittatus Hald. 49–250
04. trizonatus Suffr. 58–372 Mex. Ariz.
tricinctus || Suffr. 52–34
05. incertus Oliv. 08–814 M.& W.St.Fla.
lineolatus Hald. 49–249
06. pumilus Hald. 49–249 Ga. Fla.
07. mutabilis Melsh. 47–172 Pa. Tex. Ind.
discoideus Suffr. 52–49♂ [Conn.
dispersus Hald. 49–248
08. simulans Schffr. 06–231 Ariz.
09. fulguratus Lec. 80–203 Tex.

Cryptocephalus Geoffr.

15510. atrofasciatus Jac. 80–48 Mex Ariz.
11. tesseratus Chev. 34–85 Mex. Tex.
14-pustulatus Suffr. 52–41
12. quercus Schffr. 06–232 Ariz.
13. californicus Clav. 13–137 L.Cal.
crenatostriatus || Schffr. 05–137
14. badius Suffr. 51–315 Pa. Ky. Fla. Ind.
15. schreibersi Suffr. 51–288 Mass. Ga. Fla.
rugicollis Hald. 49–258
16. tinctus Lec. 80–203 Ind.Mass.Fla. Tex.
17. lateritius Newn. 41–78 Ga. Fla.
?fasciatus Say 23–437
18. striatulus Lec. 80–204 Ill. Va.
19. luteolus Newn. 40–250 Fla.
20. sanfordi Blatch. 13–23 Fla.
sanfordensis Clav. 13–182
— pseudolus Suffr. 58–373 Fla. Tenn.
— geminatus Newn. 40–250 Fla.
— puncticeps Say 23–488 Ark.
— luscus Suffr. 58–377 N.Am.

Diachus Lec. 80–196
(*Fabricianus* Weise 95–58)

15521. auratus (Fab.) 01–57 Fla. Conn.-So.Am. Ind.
æneus (Oliv.) 08–916 Ariz. So.Cal.
chalconotus (Mann.) 43–312
viridis (Melsh.) 47–174
22. subopacus Schffr. 06–234 Ariz.
23. erasus Lec. 80–197 Cal.
24. laevis (Hald.) 49–257 Pa. Ga.
25. squalens (Suffr.) 52–73 Fla.
26. aeruginosus Lec. 80–197 Colo.
27. catarius (Suffr.) 52–68 Ill. Va. Ind.
28. pallidicornis (Suffr.) 67–113 Kan. Ill. Ind. Conn.
29. chlorizans (Suffr.) 52–76 Va. Ind.

Bassareus Hald. 49–249

15530. brunnipes (Oliv.) 91–618 M.& S.St.
congestus (Fab.) 98–107 Fla.
a. clathratus(Melsh.)47–173 Ind.
31. areolatus Suffr. 51–301 Tex.
32. formosus (Melsh.) 47–173 Pa.Ill.Ga.Ind.
?guttatus Hald. 49–247 [Conn.
a. sulphuripennis (Melsh.) 47–173 Ind. Conn.
33. detritus (Oliv.) 08–814 Atl. St.
binominis (Newn.) 41–78 Fla.
distinctus Hald. 49–255
34. mammifer (Newn.)40–250 M.&W.St.Ind.
a. cgenus Suffr. 51–311 [Conn.
b. luteipennis (Melsh.) 47–172 Ind.
c. pretiosus (Melsh.) 47–174
d. sellatus Suffr. 51–307 Ind. Conn.
?notatus (Kby.) 37–208
e. ?quadrisignatus Suffr. 48–192 Ill.
35. croceipennis Lec. 80–199 Fla.

Bassareus Hald.

15536. lituratus (Fab.) 01–50 Fla. Atl.St.
a. castus (Melsh.) 47–171 [Ind. Conn.
b. lativittis (Germ.) 24–558 Ind.Fla.Conn.
geminatus Hald. 49–253
c. vittatus Suffr. 51–296
5-vittatus err. typ.
d. recurvus Say 23–439 Ind. Fla.

Triachus Lec. 80–197

15537. atomus (Suffr.) 52–74 Va. Fla. Ind.
38. cerinus Lec. 80–197 Fla. [Conn.
39. vacuus Lec. 80–197 Ill. Kan. Ind.
40. postremus Lec. 80–197 Tex. Fla.

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41. peninsularis Schffr. 06–234 L.Cal.

LAMPROSOMINÆ

Lamprosoma Kby. 18–445
(*Oomorphus* Curtis 31–347)

15542. floridanum (Horn) 93–133 Fla.

Lamprosoma Kby.

15543. opulentum Lec. 48–577 Cal. Mex.

EUMOLPINÆ

Horn 92; Clavareau 14

CHRYSODININI

Chrysodina Baly 64–221
(*Chalcoparia* Cr. 73–39)

15544. globosa (Oliv.) 08–893 Conn.-Ariz.
ovata (Say) 23–442

IPHIMEINI

Nodonota Lef. 85–166
(*Noda* || Chap. 70–240)

15545. tristis (Oliv.) 08–889 M.St. N.C.
pilula (Germ.) 24–567 [Kan. Ind.
46. clypealis Horn 92–231 Pa. N.C. Tex. Ind.
47. convexa (Say) 23–443 Pa.-Dak. Ind.
48. arizonica Schffr. 06–238 Ariz.
49. puncticollis (Say) 23–444 Conn. N.C.
humeralis (Lec.) 58–85 [Mont. Ind.

Nodonota Lef.

strigicollis (Lef.) 75–112
15550. rotundicollis Schffr. 06–237 Tex.

Metaparia Cr. 73–40

15551. clytroides Cr. 73–40 Tex.

Euphrytus Jac. 81–124

15552. intermedius Jac. 81–207 Mex. Ariz.

COLASPINI

Metaxyonycha Chev. 47–172

15553. arizonæ (Cr.) 73–45 Ariz.
54. circumcincta Horn 92–228 Ariz.

Colaspis Fab. 01–411

15555. brunnea (Fab.) 98–94 Atl. St.-Ariz.
a. costipennis Cr. 73–44 Fla. [Ind. Fla.
crotchi Lef. 84–199
b. flavida Say 39–196
flavicans Lef. 85–33
c. suilla Fab. 01–417
56. championi Jac. 81–137 Ariz.-Mex.
57. nigrocyanea Cr. 73–45 Ariz.

Colaspis Fab.

15558. moesta Horn 95–248 L.Cal.
59. favosa Say 23–447 Dak. Fla.
60. oregonensis (Cr.) 73–38 Or. No.Cal.
61. chrysis Oliv. 08–886 N.C.
62. subtropica Schffr. 06–235 Tex.
— californica Boh. 58–171 Cal.
— striata Say 23–444 Mo.

Rhabdopterus Lef. 85–46
(*Rhabdophorus* || Lef. 78–126)

15563. picipes (Oliv.) 08–886 Mass.-Dak.
prætexta (Say) 23–442 Fla. [S.C. Ind.

SCELODONTINI

Graphops Lec. 85–26
(*Heteraspis* ‡ Lec. 59–23)

15564. beryllinus Lec. 85–26 Kan.
65. obscurus Lec. 85–26 Colo.
66. varians Lec. 85–26 Ill.-Tex.
67. pubescens(Melsh.)47–169 Mass.-Ga.Tex.
?cupreus Prov. 78–383 Can. [Ind.
68. curtipennis(Melsb.)47–169 N.Y. Fla. Tex. Ind.

Graphops Lec.

15569. marcassitus Cr. 73–35 Atl.St. Ind. Fla.
70. nebulosus (Lec.) 59–23 Idaho-Ariz.
smaragdulus (Lec.) 59–24
71. bicolor Lef. 77–164 Ill.
simplex Lec. 85–27 Tex.

LEPROTINI

Xanthonia Baly 63–151
(*Trichotheca* ‡ Lec.)

15572. vagans (Lec.) 85–26 Tex. S.W.Ut. Ariz.

Xanthonia Baly

15573. decemnotata (Say) 23–445 Can.-Tex.Ind.
74. villosula (Melsh.) 47–169 Can.-Ga. Ariz.
stevensi Baly 63–151 [Ind.
a. plagiata (Melsh.) 47–169

Fidia Baly 63–153

15575. plagiata Lef. 77–165 Mex. Ariz.
a. humeralis Lef. 77–165 Mex. Ariz.
76. clematis Schffr. 04–227 Tex.
77. viticida Walsh 67–87 M.St.Dak.
lurida Lef. 85–76 [Fla. Tex. Ind.
murina Cr. 73–33 [Conn.

Fidia Baly

15578. longipes (Melsh.) 47–169 E.St. Ind.
viticola (Uhler) 55–418
79. cana Horn 92–198 Tex.

METACHROMINI

Metachroma Lec. 58–85

15580. aeneicollis Horn 92–210 N.Am.
81. longulum Horn 92–212 Ariz.
82. dubiosum (Say) 23–447 Dak.-Tex.Fla.
83. californicum Cr. 73–41 So.Cal. Ariz.
84. ustum Lec. 58–85 Tex. Ariz.
85. viticola Linell 98–481 Tex.
86. aterrimum Horn 92–214 N.Mex.
87. suturalis Lec. 58–85 Tex.
88. terminalis Horn 92–215 Fla.
89. peninsularis Cr. 73–42 L.Cal.
90. interruptum (Say) 23–448 Dak.-Ariz. Fla. [Ind.
91. angustulum Cr. 73–41 Mo.Kan.Ind.
92. parallelum Horn 92–217 Mont. Ind.
93. lævicollis Cr. 73–43 L.I.N.Y.N.C. Fla.

Metachroma Lec.

15594. luridum (Oliv.) 08–892 S.C. Ga.
vicinum Cr. 73–43
95. marginalis Cr. 73–43 N.C.Kan.Fla.
96. maculipennis Sz. 78–366 Fla.
97. pellucidum Cr. 73–43 Ga. Fla.
98. pallidum (Say) 23–446 Mass. Fla.Mo. Ind.
a. lateralis Cr. 73–44 N.C. Kan.
99. floridanum Cr. 73–43 Fla.
15600. puncticollis Lec. 58–85 Ga. Tex.
01. quercatum (Fab.) 01–417 Mass.Fla.Ind.
— atratum (Fab.) 98–106 N.Am.
— melanurum (Melsh.) 47–168 N.Am.

Metacolaspis Horn 95–247

15602. conspersa Horn 95–248 L.Cal.

EUMOLPINI

Eumolpus Web. 01–28

15603. surinamensis (Fab.) 75–96 So.Ariz.-Brazil
robustus (Horn) 85–156

ADOXINI

Adoxus Kby. 37–209

15604. obscurus (L.) 58–375 Eur.Sib.Ind. Nfld.N.H. H.B.T.Alas. Cal.Nev.Colo.
cochlearius (Say) 39–196 [N.Mex. N.Y.

Adoxus Kby.

a. concinnus Weise 98–190 Japan, N.Am.
b. villosulus Schrank 81–95 N.H.-L.Sup.
vitis auct. nec Fab.

EDUSELLINI

Tymnes Chap. 74–310

15605. tricolor (Fab.) 92–316 Mass. Mex.
verticalis Chap. 74–311 [Ind.
viridis (Fab.) 01–413

Tymnes Chap.

15606. violaceus Horn 92–221 W.Pa.
07. metasternalis Cr. 73–38 Pa.-Ill. Ind.

MYOCHROINI

Myochrous Er. 47–164

15608. denticollis (Say) 23–448 Ill. Tex. Fla. Ind.
09. longulus Lec. 58–86 So.Cal. Ariz.
10. magnus Schffr. 04–228 Tex.
11. squamosus Lec. 59–24 Mont. Neb.

Glyptoscelis Lec. 59–81

15612. illustris Cr. 73–35 Or.-So.Cal.
13. pubescens (Fab.) 77–220 Ont.-Ga.
hirsutus (Gmel.) 88–1703
hirtus (Oliv.) 08–906
pini (Say) 27–295
14. barbata (Say) 27–296 No.Atl.St.Ind.
15. liebecki Blatch. 10–1137 Ind. [Conn.

Glyptoscelis Lec.

15616. alternata Cr. 73–36 So.Cal. Wy.
17. albida Lec. 59–81 Nev. Or.
longior Lec. 78–462
18. prosopis Schffr. 05–169 Tex.
19. squamulata Cr. 73–36 Or. Ut. Ariz. So.Cal.
20. cryptica (Say) 23–449 Dak.-Mex.
albicans Baly 65–334

Colaspidea Lap. 33–21

15621. cuprascens (Lec.) 58–85 So.Cal.
22. subvittata Fall 97–243 So.Cal.Is.
23. smaragdula (Lec.) 57–67 So.Cal.
24. varicolor Cr. 74–79 So.Cal.

TYPOPHORINI

Typophorus Er. 47–163
15625. viridicyaneus (Cr.) 73–40 Va. Fla. Mex. Ind. So.Cal.
sturmi Lef. 77–317
chalceus Lef. 77–317

Paria Lec. 58–85
15626. canella (Fab.) 01–52 Can.-Ariz. So. Cal. Ind. Fla.
a. aterrima (Oliv.) 08–913 Fla.
opacicollis Lec. 59–23

Paria Lec.
b. gilvipes Horn 92–208
c. pumila Lec. 59–23
d. quadriguttata Lec. 58–86
histrio Lef. 77–319
laevicollis Cr. 73–40
e. quadrinotata (Say) 23–446
f. sellata Horn 92–208
g. sexnotata (Say) 23–445 Fla.
infuscata Lec. 51–173
h. thoracica (Melsh.) 47–168
i. vittata Horn 92–208

CORYNODINI

Chrysochus Redt. 45–117
15627. auratus (Fab.) 75–101 Atl. St. Can. Ind.
28. cobaltinus Lec. 57–67 So.Cal.-Or.

Chrysochus Redt.
castaneus Marshall 65–49
californicus Marshall 65–49
tenebricosus Marshall 65–49

ENDOCEPHALINI

Colaspoides Lap. 33–20
15629. violaceipennis Horn 92–229 Ariz.
30. opacicollis Horn 92–229 Tex.

Colaspoides Lap.
15631. viridimicans Horn 92–229 Ariz. N.Mex.
32. macrocephala Schffr. 06–236 Tex.

CHRYSOMELINÆ

(Weise 16)

TIMARCHINI

Timarcha Latr. 29–150
15633. intricata Hald. 53–363 Or. No.Cal.
intertexta Hald. 53–364 Colo.
a. cerdo Stål 63-8 No. Pac. St.

ENTOMOSCELINI

Entomoscelis Chev. 43–656
15634. adonidis (Pallas) 71–463 Eur.& Sib. H.B.T. Mont. Alb. Colo.
trilineata (Fab.) 77–219 Sib.

PRASOCURINI

Prasocuris Latr. 02–224
15635. phellandrii (L.) 58–376 Eur.& Sib.Ill. Ind.Can.Mich. Colo.
36. vittata (Oliv.) 08–595 N.Am. Ind.

Prasocuris Latr.
trivittata Say 27–289 Or. Conn.
varipes Lec. 66–9
15637. obliquata Lec. 66–9 Ind.
38. ovalis Blatch. 10–1151 Ind.

CHRYSOMELINI

Linell 96

Labidomera Chev. 43–656
15639. clivicollis (Kby.) 37–213 E.N.Am. Ind. Fla. Conn.
?trimaculata (Fab.) 75–95 La.
a. rogersi Lec. 58–26 Neb.Tex.Kan.

Leptinotarsa Stål. 58–475
(*Myocoryna* (Chev.) Stål 58–475)
15640. rubiginosa (Rogers) 56–30 Mex.-Ariz. Tex.
41. behrensi Harold 37–16 Mex. (So.Cal.)
42. haldemani (Rogers) 56–30 (Tex.?) Mex.
43. lineolata Stål 63–159 Mex.Tex.Ariz.
44. dahlbomi Stål 59–317 Mex. Tex.
45. violascens Stål 59–317 Mex. Ariz.
46. peninsularis Horn 94–407 L.Cal. Ariz.
(*Doryphora* ‡ auct. nec Ill.)
47. undecimlineata Stål 59–316 Mex.(So.Cal.?)

Leptinotarsa Stål.
15648. decemlineata (Say)23–453 U.S &Can.Ind.
tortuosa || Tower 06. pl. 16. (nec Rogers) Md. Tex.
pallida Tower 06. pl. 16 L.I.Md.O.Ill.
defectopunctata Tower 06. pl. 16
melanicum Tower 06–266 Mass.L.I.Md.
minuta Tower 06–272 Md.O.Ill.Tex.
immaculothorax Tower 06–272 O.
albida Tower 06–272 Tex.
rubrivittata Tower 06–273 Kan.
obscurata Tower 06–273 ?
multilineata Stål 59–316
49. multitæniata Stål 59–317 Mex. Tex.
melanothorax Stål 59–317 Mex. N.Mex.
50. juncta (Germ.) 24–590 So.St.La.Ark. Ind.
51. defecta Stål 59–317 Mex. Tex.

Leptinotarsa Stål.

a. texana Schffr. 06–239 Tex.
defecta ‡ Linell 96–196
undecimlineata ‡ Towns. 03–82

Zygogramma Chev. 43–656

15652. exclamationis (Fab.) 98–86 Kan. Mont. Ariz.
53. conjuncta Rogers 56–34 Kan.-Mont. Ariz.
a. pallida Bland 64–71 Kan.-Mont. Ariz.
54. continua Lec. 67–57 Ariz. Colo. Ut.
fasciatipennis Jac. 91–249 Mex. [N.Mex.
55. suturalis (Fab.) 75–95 Atl.-Colo. Ind.
pulchra (Fab.) 92–313
a. casta Rogers 56–33 Tex.
?festiva (Fab.) 75–100 (N.Am.?)
56. disrupta Rogers 56–34 La. Kan.-Ariz.
57. heterothecæ Linell 96–197 Tex. Colo.
58. malvæ Stål 59–322 Mex. Tex. Ariz.
59. tortuosa Rogers 56–32 Tex. Ariz. N.Mex.
60. opifera Stål 60–460 So.Ariz.
61. piceicollis Stål 59–322 Tex.-Ariz.
62. signatipennis Stål 59–321 Mex. Ariz.
63. arizonica Schffr. 06–240 Ariz.

Calligrapha Er. 47–158
?*Polyspila* Hope 40–165

15664. lunata (Fab.) 87–69 Atl.-Colo.
brunnea (Thunb.) 87–43
hybrida (Say) 23–449 Mo.
65. similis Rogers 56–35 Atl.-Colo. Ind.
66. incisa Rogers 56–34 Kan. Neb. [Fla.
67. cephalanthi Sz. 78–366 Fla.
68. præcelsis Rogers 56–35 Kan. Neb. Ind.
69. elegans (Oliv.) 08–532 Atl.-Pae. Ind.
a. californica Linell 96–198 So.Cal.

Calligrapha Er.

15670. wickhami Bowd. 11–325 Tex.
71. sealaris Lec. 24–173 Atl.-Neb. Tex.
multiguttis Stål 65–261 [Ind. Fla.
72. rhoda Knab 09–83 N.H. Wis. Kan
a. walshiana Blatch 10–1157 Ind Mo. [Ind.
73. rowena Knab 09–85 Can.-Pa. Ind
74. philadelphica (L.) 58–372 Atl.-Neb Ind.
decipiens (Web.) 01–52
ruficornis (Oliv.) 91–703
a. spiræ (Say) 27–297 Can. Conn.
confinis (Kby.) 37–211 L.Sup.
75. amelia Knab 09–86 S.I. D.C. Va.
76. multipunctata (Say) 23–451 Mo.-Wash Ind. Conn.
77. bigsbyana (Kby.) 37–212 Can.-Or. Ind.
verrucosa Suffr. 58–266 Mo.
78. pnirsa Stål 60–462 Can.
79. disloeata Rogers 56–32 Tex. Ariz. Mex.
80. sigmoidea Lec. 59–285 Neb. So.Cal.
81. serpentina Rogers 56–32 Ariz. N.Mex.
mexicana Stål 59–323 Mex.
82. multiguttata Stål 59–326 Mex. Kan.
83. sylvia Stål 60–462 Mex. (Ariz.?)
84. aneoralis Stål 60–462 Mex. L.Cal.

Chrysomela L. 58–368

15856. subsulcata Mann. 53–254 Alas.
86. flavomarginata Say 23–452 La.-Dak.
87. basilaris (Say) 23–451 Ark. Colo.-Or.
subseriata Lec. 60–321 Or.
88. auripennis Say 23–452 Tex.-Neb. Ind.
a. eribraria Rogers 56–36 [Ariz.
89. staphylea L. 58–370 Eur. N.S.
90. inornata Rogers 56–36 Tex. Id. Cal.
91. montevagans Lec. 78–463 Colo.
92. subopaea Rogers 56–36 N.Y. Fla. Tex.
opacipennis Cr. err. typ. [Ind.

PHÆDONINI

Plagiodera Redt. 49–553

15693. versicolora (Laich.) 81–148 †Eur. N.Y.
armoraciæ (Fab.) 87–103 Eur. Sib. [N.J.
94. thymaloides Stål 60–468 Tex. Mex.

Phædon Latr. 29–151
(*Plagiodera* ‡ auct.)

15695. prasinella (Lec.) 61–358 Or.-So.Cal.
96. purpurea Linell 98–482 S.W. Utah
97. armoraciæ (L.) 58–369 Eur. N.Am.
cochleariæ (Gyll.) 09–479 [Lab.
98. oviformis (Lec.) 61–457 Cal.
99. viridis (Melsh.) 47–175 Mex. Fla.
15700. æruginosus Suffr. 58–395 N.Am.

Gastroidea Hope 40–164
(*Gastrophysa* Redt. 49–553)

15701. polygoni (L.) 58–370 Sib. Eur. N.S. Mo. Ind.
coerulipennis (Say) 27–297
02. dissimilis (Say) 23–450 Mo.
03. cyanea Melsh. 47–175 So.Cal.-Ind. Ariz. Conn.
a. caesia Rogers 56–38 Cal.

Gastroidea Hope

15704. viridula (DeG.) 75–311 Eur. Sib. H.B.T. Kan. Man. N.Mex.
formosa (Say) 23–451 Kan. Mont.
05. aenea (Melsh.) 47–175 N.Am. Pa.

Lina (Meg. 23) Redt. 49–551
(*Melasoma* || Steph. 31–350)

15706. californica Rogers 56–37 Cal.
07. arizonæ (Cr.) 74–53 Ariz.
08. lapponica (L.) 58–371 Eur. Sib. Alas.? H.B.T.?
interrupta Fab. 01–438 Conn. Ind.
09. tremulæ (Fab.) 87–69 Eur. H.B.T. N.H. Mich.
15710. scripta (Fab.) 01–438 Conn. Ind. Fla.
?lineatopunctata (Forst.) 71–22
noveboracensis (Gmel.) 98–1689
variegata (Oliv.) 91–719
a. confluens Rogers 56–37 Or. Ind.
11. obsoleta Say 23–435 Mo.
12. flosculosa Stål 60–467 So.Am.

PHYLLODECTINI

Phytodecta Kby. 37–213
(*Goniocteua* Redt. 49–357)

15713. arctica Mann. 53–257 Alas. H.B.T.

Phytodecta Kby.

affinis || Mann. 52–369 Alas.
?nivosa Suffr. 50–222 Alps

† Introduced.

Phytodecta Kby.
?linnæana Schrk. 81–69 Sib.
?triandræ Suff. 50–216 Eur.
15711. viminalis (L.) 58–371 Sib. Eur. Alas.
— rufipes DeG. 75–295 Eur. N.Am.?
?sexpunctata Fab. 87–70 Can.
(*Spartophila* Steph. 34–340)
15. pallida(L.) 58–370 Sib. Eur. Lab. H.B.T. L.Sup.
16. simplex Suffr. 58–383 U.S.

Phyllodecta Kby. 37–216
(*Chætocera* Weise 84–514)
15717. vulgatissima (L.) 58–370 Eur.& Sib. Nfld. N.H.Ia. O. Va.
a. interstitialis Mann. 53–259 Alas.
18. vitellinæ (L.) 58–370 Sib. Eur. Ind. L.Sup. Can.
19. scutellaris Sahlb. 85–55 Eur.& N.Am. Alas.

GALERUCINÆ

Chapuis 75; Horn 93

CŒLOMERINI

Monocesta Clark 65–264
15720. coryli (Say) 23–455 Va.Ill.Ks.Mo. Fla.

Halticidea Horn 93–61
15721. placida Horn 93–62 Ariz.
22. modesta Horn 93–62 Fla.
23. delata Horn 93–63 Tex.Ariz.

ATYSINI

Trirhabda Lec. 65–219
15724. tomentosa (L.) 67–601 L.I.-Fla.
bacharidis (Web.) 01–57
lampyroides (Gmel.) 98–1731
25. brevicollis Lec. 65–221 Fla.-Tex. Ind.
26. virgata Lec. 65–220 Mass.-Fla. Ind.
27. canadensis (Kby.) 37–219 H.B.T. N.J. Colo. Cal. Ind.
28. geminata Horn 93–68 So.Cal. Ariz.
29. caduca Horn 93–69 So.Cal.
30. nitidicollis Lec. 65–219 Colo. Utah,
31. lewisi Cr. 73–56 Colo. [N.Mex.
32. diducta Horn 93–70 Nev. Cal.
33. convergens Lec. 65–220 N.S. Kan. Wy.
a. virescens Ckll. 90–4 Colo.
34. attenuata (Say) 23–459 Kan.-B.C.
35. luteocincta (Lec.) 58–88 Cal. N.J.? So.Cal.
36. flavolimbata (Mann.) 43–308 L.Sup. Or. Colo. So.Cal.
37. labrata Fall 07–242 Cal.
38. eriodictyonis Fall 07–243 So.Cal.
39. ornata Schffr. 05–137 Tex.
40. nigrohumeralis Schffr. 05–170 Ariz.
41. subcyanescens Schffr. 06–241 Tex.

Ophræa Jac. 86–492
15742. arizonica Fall 10–147 Ariz.

Galerucella Cr. 73–55
15743. marmorata Jac. 81–491 Mex. Tex.
44. americana(Fab.) 75–489 Atl.-Colo.Ind. [Fla.
cribrata (Lec.) 65–215
conferta (Lec.) 65–215
45. sexvittata (Lec.) 65–214 Pa.-La. Ind.
46. cavicollis (Lec.) 65–216 Can.-Wis. N.Eng. Ind.
47. rufosanguinea(Say)27–299 Pa.-N.C. Nfld.
48. integra (Lec.) 65–218 Pa.-Fla. Tex.
49. notulata (Fab.) 01–489 Can.-Colo. N.Mex. Ind. Fla.

Galerucella Cr.
bilineata (Kby.) 37–220
15750. notata (Fab.) 01–488 Can.-Colo. N.Mex. Ind. Fla.
51. nymphææ (L.) 58–376 Eur. Sib. Ind. So.Cal. Alas. Or. Va. Tex.
marginella (Kby.) 37–308 H.B.T. Can.
sagittariæ (Gyll.) 08–511 Cal. Tex.
femoralis (Melsh.) 47–161
luctuosa (Mann.) 52–368 Alas.
52. tuberculata (Say) 23–256 Colo.-Vanc.
a. punctipennis (Mann.) 43–308 [Ind.
53. decora (Say) 25–294 Can.-Colo. Ind.
?salicis (Rand.) 58–31 Me. No.N.Y.
a. carbo(Lec.) 61–358 Neb.-Or.
54. xanthomelæna (Schrank) 81–78 †Eur. Mass.& Va.
calmariensis (Harris) 52–124 Southw.
gelatinariæ (Fab.) 01–490
?luteola Mull. 66–187

Monoxia Lec. 65–221
15755. puncticollis (Say) 23–458 Colo. Tex. Ut. Fla. So.Cal. Ariz.
morosa (Lec.) 57–70 Cal. Atl.St.
maritima Lec. 65–218
erosa Lec. 84–28
56. consputa (Lec.) 57–70 Kan.-So.Cal. [Ariz.
guttulata (Lec.) 57–70
angularis (Lec.) 59–90 Ariz.
57. debilis Lec. 65–222 Ut.-So.Cal.
obtusa Lec. 65–222 Ariz. [Ariz.
58. batisia Blatch. 17–273 Fla.
?atomaria (Fab.) 01–490 S.C.
59. sordida (Lec.) 58–88 Ut.-So.Cal. (Fla.?) Ariz.

† Introduced.

DIABROTICINI

Triarius Jac. 87–571

15760. lividus (Lec.) 81–28 So.Ariz.
mexicanus Jac. 88–571 Mex.
61. trivittatus Horn 93–88 Ariz.

Paratriarius Schffr. 06–243

15762. dorsata (Say) 23–256 Ark. O. Ind.

Neobrotica Jac. 87–571

15763. pluristicta Fall 10–148 So.Ariz.
64. furcata (Oliv.) 08–643 Tex.

Diabrotica Chev. 43–717

A.

15765. connexa Lec. 65–212 Tex. Mex.
66. variegata Jac. 87–527 L.Cal.
67. picticornis Horn 93–91 Tex.
68. tricincta (Say) 23–457 Colo. Ariz.
suffriani Jac. 88–551 Mex.
69. duodecimpunctata (Fab.) 75–103 Can.Tex.Mex. Ind. Fla. So.Cal. Ariz.
a. tenella Lec. 58–58 Tex. Ariz. So.Cal.
70. soror Lec. 65–212 Or.Cal. Ariz. So.Cal.

Diabrotica Chev.

15771. balteata Lec. 65–213 Tex.-So.Am.
sallei Baly 86–227 [Ariz.
72. peregrina Jac. 88–330 Mex. Tex.
73. bipuncticollis Schffr. 05–171 Ariz.

B.

74. longicornis (Say) 23–460 M.St.-Kan. Ind.
75. virgifera Lec. 68–59 N.Mex. Ariz.
76. filicornis Horn 93–94 N.Mex.
77. atripennis (Say) 23–461 Mass. Dak.
a. cristata Harris 37–90 [Tex.
b. fossata Lec. 58–88 Conn.
78. lemniscata Lec. 68–58 N.Mex.
79. blandula Lec. 68–58 N.Mex.
80. nitida Linell 98–483 N.Mex.Tex.
81. vincta Lec. 78–416 Ga. Fla.

C.

82. vittata (Fab.) 75–122 Can.-Fla.-
melanocephala (Fab.) 75–118 [Colo. Ind.
americana (Gmel.) 98–1715
stolata (Gmel.) 98–1724
a. incerta Ckll. 95–159 N.Mex.
83. trivittata (Mann.) 43–309 Cal. So.Cal. Ariz.?

PHYLLOBROTICINI

Phyllobrotica Redt. 49–525

15784. nigripes Horn 93–102 So.Cal.
85. luperina Lec. 65–207 So.Cal.
86. viridipennis Lec. 59–81 So.Cal. Nev.
87. vittata Horn 93–100 N.Y.-Ga. Ind.
88. decorata (Say) 23–459 Ind. Can. N.J.
olivieri (Kby.) 37–218 [Colo.
89. sororia Horn 96–378 Tex.

Phyllobrotica Redt.

15790. nigritarsis Linell 98–482 Kan.Neb.Tex
91. costipennis Horn 93–99 Ga. Fla.
92. discoidea (Fab.) 01–485 Conn.-Ga.Ind.
circumdata (Say) 23–457
93. lengi Blatch. 10–1175 Ind.
94. limbata (Fab.) 01–486 Conn.D.C.Ia. Tex. Ind.

SCELIDINI

Scelolyperus Cr. 74–79

15795. flaviceps Horn 93–103 Ariz.
96. flavicollis (Lec.) 59–81 So.Cal.
97. tejonicus Cr. 74–79 So.Cal.
98. loripes Horn 93–104 Cal.
99. maculicollis (Lec.) 84–27 So.Cal.
15800. cyanellus Horn 95–251 L.Cal.
01. graptoderoides (Cr.) 74–80 So.Cal.
02. schwarzi Horn 93–105 Or. No.Cal.

Scelolyperus Cr.

15803. longulus (Lec.) 57–69 Tex.-Or.
nigrocyaneus (Lec.) 79–517
04. decipiens Horn 93–106 No.Cal.

Trachyscelida Horn 93–107

15805. bicolor (Lec.) 84–28 So.Cal.

Synetocephalus Fall 10–146

15806. autumnalis Fall 10–146 So.Cal.

LUPERINI

Eusattodera Schffr. 06–244

15807. pini Schffr. 06–244 Ariz.

Luperodes Mots. 58–102
(*Luperus* ‡ auct.)

15808. californica Schffr. 06–245 Cal.
09. bivittatus Lec. 59–81 So.Cal.
10. varicornis Lec. 68–57 N.C.-Ariz.Fla.
brunneus Cr. 73–54
11. davisi Leng 11–193 Ga.
12. atriceps Horn 93–112 Ariz.
13. marginalis Fall 10–149 Tex.
14. atricornis Fall 10–149 Ariz.
15. thoracicus (Melsh.) 47–162 Pa. Ga. Kan.
16. luteicollis Lec. 68–57 Colo. N.Mex.

Luperodes Mots.

15817. texanus Horn 93–113 Tex.
18. transitus Horn 93–113 So.Cal.
19. laticeps Horn 93–114 So.Cal.
20. wickhami Horn 93–114 Ariz.
21. torquatus Lec. 84–28 So.Cal.
22. lecontei Cr. 73–54 N.Mex.
rufipes || Lec. 59–27
23. meraca (Say) 27–299 N.H. Ga. Kan. Ct.
24. cyanellus Lec. 65–209 Pa. Mo. Ind.
25. smaragdinus Lec. 59–286 So.Cal.
26. morulus Lec. 65–210 Tex.
27. spretus Horn 93–117 Tex.
28. semiflavus Fall 07–252 N.Mex.

Luperodes Mots.
15829. morrisoni Jac. 81–595 So.Cal. Ariz.
30. varipes Lec. 57–69 So.Cal. Mont. Colo.
31. intermixtus Fall 10–151 N.Mex. Ariz.

Luperodes Mots.
15832. curvatus Fall 10–150 Cal.
33. crassicornis Fall 10–151 Cal.
34. nigrovirescens Fall 10–152 Colo.
35. histrio Horn 95–250 L.Cal.

ANDROLYPERINI

Androlyperus Cr. 73–55
15836. fulvus Cr. 73–55 Cal.
37. incisus Schffr. 06–247 Ariz.

Malacorhinus Jac. 87–582
15838. maculatus (Lec.) 84–28 So.Cal.

Malacorhinus Jac.
15839. nigrescens Schffr. 06–248 Utah

Cneorane Baly 65–97 (?)
15840. acaciæ Schffr. 06–246 Tex.

METACYCLINI

Metacycla Baly 61–206
(*Gastrogyna* Lec. 65–311)
15841. insolita (Lec.) 61–338 L.Cal.

AGELASTICINI

Exosoma Jac. 03–25
(*Malacosoma* || Chev. 46–605)
(*Agelastica* ‡ auct.)
15842. vittipenne Horn 93–123 S.W. Tex.
43. brevicorne Jac. 87–582 Mex. Ariz. Ut.
44. pini Schffr. 06–248 Ariz.

Exosoma Jac.
15845. cimex (Allard) 89–68 Cal.

Agelastica Redt. 49–525
15846. alni L. 58–369 †Eur.N.J.N.Y
?cœrulea Baly 74–188 Japan, N.Am.

PHYLLECTHRINI

Horn 96

Phyllecthrus Lec. 65–207
15847. parallelus Horn 93–126 Tex.
48. subsulcatus Horn 93–126 Tex. N.Am.
49. schwarzi Horn 96–377 Tex. [Ariz.
50. gentilis Lec. 65–208 Pa.-Ga. Tex. Mont. Ind.

Phyllecthrus Lec.
a. nigripennis Lec. 68–58
b. texanus Lec. 84–28
15851. dorsalis (Oliv.) 08–646 D.C. Mo. Tex.
atriventris (Say) 23–461

GALERUCINI

Galeruca Geoffr. 62–251
(*Adimonia* Laich. 81– nec Leach)
15852. externa Say 23–458 Kan.-Ariz.
rudis Lec. 57–69 Wash.

Galeruca Geoffr.
15853. pomonæ Scop. 63–83 †Eur. Ind. O.
tanaceti ‡ auct. nec (L.) 58–369 [Ill.

CEROTOMINI

Cerotoma Chev. 43–342
15854. trifurcata (Forst.) 71–29 Can.N.C.Tex.
caminea (Fab.) 01–459 Fla. [Ind.

Andrector Horn 72–152
15855. sexpunctatus Horn 72–152 Tex.
56. ruficornis (Oliv.) 91–200 So.Am. Ariz.

AGELASINI (*Sermylini*)

Agelasa Mots. 60–25
(*Agelastica* ‡ Lec. nec Chev.)
(*Sermyla* Chap. 75–224)
— halensis (L.) 67–589 Sib.Eur. (Ct.? Wis.? La.?) not N.Am.

Monolepta Er. 43–265
15857. crucigera Schffr. 06–249 Ariz.

HALTICINÆ

Horn 89

BLEPHARIDINI[1]

Blepharida Rogers 56–29
15858. rhois (Forst.) 71–21 Mass.-Mont. Ariz.
meticulosa (Oliv.) 08–531 Fla. Tex. Ind.

Blepharida Rogers
virginica (Fröl.) 92–129
atripennis Horn 95–249 L.Cal.

[1] The termination used by Horn has been altered to conform with that used throughout for tribes, i. e., Horn's Blepharidæ becomes Blepharidini, Monoplati becomes Monoplatini, &c.

† Introduced.

MONOPLATINI

Phædromus Clark 60–66
15859. waterhousei Clark 60–68 (S.C. ?)

Pachyonychus Chev. (Horn 89–170)
15860. paradoxus Melsh. 47–163 D.C. Ind.

Hypolampsis Clark 60–230
15861. pilosa (Ill.) 07–105 H.B.T. Fla.
hispida (Ziegl.) 46–47 Tex. [Ind. Or
rugosa (Oliv.) 08–707 S.C.
clarki Cr. 73–57 Pa.
62. mellyi Cr. 73–58 Kan.

PSEUDOLAMPSINI

Pseudolampsis Horn 89–174
15863. guttata (Lec.) 84–29 La.

ŒDIONYCHINI

Hamletia Cr. 53–58
15864. dimidiaticornis Cr. 53–58 Ga. Fla.
paradoxa (Clark) 60–67

Œdionychis Latr. 29–154

A.

15865. gibbitarsa (Say) 24–83 M.St.-Tex.
66. flavocyanea Cr. 73–62 Tex. [Ind. Fla
67. thoracica (Fab.) 75–821 Atl.-Colo. Ind.
flava (Gmel.) 98–1691 [Fla.
68. vians (Ill.) 07–83 Atl.-Colo. Ind.
abdominalis (Oliv.) 08–679 [Fla.
thoracica var. Clark 65–166
a. scripticollis (Say) 24–84 Ind.
69. concinna (Fab.) 01–499 Ga.Tex.Ind.
70. violascens Lec. 59–81 So.Cal. [Fla.
71. lugens Lec. 59–24 N.Mex. Ariz.
72. interjectionis Cr. 73–61 Tex. Mex.
a. gracilis Jac. 87–420 Mex. (U.S.?)
73. fimbriata (Forst.) 71–25 N.C. Fla. Tex.
suturella (Say) 27–300 [Ind.
circumcincta Cr. 73–62 Fla.
74. æmula Horn 89–185 Ariz.
75. petaurista (Fab.) 01–495 N.C. Tex. Fla.
a. brevilineata Horn 89–186
76. tenuilineata Horn 89–186 So.Ariz.

Œdionychis Latr.
15877. miniata (Fab.) 01–495 Atl.-Tex. Ind
fallax Melsh. 47–162 [Fla
jocosa Harold 76–124
78. horni Harold 81–142 Tex.
79. ulkei Horn 89–188 Fla.
80. longula Harold 77–434 Cal.?
81. jacobiana Horn 89–189 So.Ariz.

B.

82. flavida Horn 89–190 Tex.
83. indigoptera Lec. 78–416 Ga. Fla.
84. texana Cr. 73–63 Tex.
85. thyamoides Cr. 73–63 Ind.Tex.Dak.
86. limbalis Melsh. 47–162 Mass.Ga.Tex.
a. subvittata Horn 89–193 [Ind.Ct.
87. sexmaculata (Ill.) 07–104 Me. Mo. Ind.
palliata Rand. 38–47 [Fla. Ct
88. suturalis (Fab.) 01–499 Ga. Fla.
89. quercata (Fab.) 01–495 Atl.-Colo.Ind.
obsidiana (Fab.) 01–499 [Ct. Fla.
circumdata Rand. 38–48
90. scalaris Melsh. 47–163 M.St.-Ga.Tex.
lobata Lec. 59–24 [Ind. Fla.
— ?liturata (Oliv.) 08–707 S.C.
(see genus Ora)

ASPICELINI

Homophœta Er. 47–172)
(*Asphara* Chev. 42–227)
15891. æquinoctialis (L.) 58–374 Tex.-Brazil
quadrinotata (Fab.) 98–98
octomaculata Cr. 73–60
92. lustrans Cr. 73–60 Tex. Ariz.

Homophœta Er.
15893. abdominalis (Chev.) 35–65 Tex. Mex.
opacior Cr. 73–60

Phydanis Horn 89–198
15894. bicolor Horn 89–199 S.W. Tex.

DISONYCHINI

Disonycha Chev. 44–80
15895. pennsylvanica (Ill.) 07–146 Can. No.U.S.
uniguttata (Say) 24–88 [Ind. So.Cal.
vicina (Kby.) 37–217
procera Csy. 84–182 Del.
a. limbicollis Lec. 57–67
b. pallipes Cr. 73–64
c. conjugata (Fab.) 01–495 Fla.
96. quinquevittata(Say)24–85 Wis.-Mex.Ind.
So.Cal. Ariz.
punctigollis Lec. 57–67 [Conn.
fumata Lec. 58–86
pluriligata Lec. 58–27
punctigera Lec. 59–24 Fla.
capitata Jac. 87–316
a. pura Lec. 58–86 Ariz.

Disonycha Chev.
15897. crenicollis (Say) 35–200 N.Y.-Mex.
Fla. Ariz. [Ind.
98. caroliniana (Fab.) 75–122 Pa. Fla. Ind.
quinquevittata (Fab.) 75–118 [Conn.
alternata (Ill.) 07–144
a. pulchra Csy. 84–51 Pa.
99. arizonæ Csy. 84–52 So.Ariz.
15900. maritima (Mann.) 43–311 So.Cal. Nev.
01. glabrata (Fab.) 81–156 Fla. Ga.-Ariz. Ind.
02. abbreviata Melsh. 47–163 M.St.Fla.Tex.
a. leptolineata Blatch.17–143 Fla. [Ind.
03. tenuicornis Horn 89–208 So.Ariz.
04. discoidea (Fab.) 87–25 N.C. Tex. Ind.
05. funerea (Rand.) 38–47 Ga. Conn.

Disonycha Chev.

15906. triangularis (Say) 24–84 Atl.-Colo. Ind.
punctieollis (Kby.) 37–218
07. xanthomelæna (Dalm.) 23–79 N.Eng. Fla.
collaris ‡ (Ill.) 07–126 [Tex. Ind.
08. politula Horn 89–211 N.Mex. Ariz.
09. cervicalis Lec. 59–25 Ga. (Kan.?)

Disonycha Chev.

15910. mellicollis (Say) 35–199 Ind. La. Tex.
semicarbonata Lec. 59–25 [Colo. Fla.
11. collata (Fab.) 01–463 Ga. Fla. Ind. Conn.
12. varicornis Horn 89–210 Tex. L.Cal.

Hemiphrynus Horn 89–212

15913. intermedius (Jac.) 87–293 So.Ariz.

MNIOPHILINI

Argopistes Mots. 60–236

15914. scyrtoides Lec. 78–416 Fla.

Sphæroderma Steph. 34–328

15915. opima Lec. 78–417 Ill. N.C. Tex.

HALTICINI

Haltica[1] Geoffr. 62–244
(*Hermiophaga* Foudr. 59–VI)
(*Graptodera* ‡ auct.)
(*Cæporis* Clark 65–399)

15916. bimarginata Say 24–85 So.Cal. Can. Pa. Alas.
plicipennis Mann. 43–310 Mex. Ind.
prasina Lec. 57–67
ambiens Lec. 59–25
subplicata Lec. 59–25
17. chalybea Ill. 07–115 N.Eng. Fla.
vitivora Thomas 34–113 [Ind. Tex.
18. nana Cr. 73–72 S.C. Fla.
nanula Lec. 84–29
19. nigritula Linell 98–484 Tex.
20. ignita Ill. 07–117 H.B.T.-Fla.
kalmiæ Melsh. 47–164 [Tex.Ind.
inærata Lec. 60–317
21. rosæ Woods 18–174 Me. Conn. N.Y.
22. corni Woods 18–156 Me. Conn.
23. ulmi Woods 18–182 Me. Conn. Pa.
24. cuprascens Blatch.10–1202 Ind.
25. ænescens Blatch.10–1202 Ind.
26. litigata Fall 10–154 Fla.
27. schwarzi Blatch. 14–141 Fla.
28. vaccinia Blatch. 16–94 Fla.
29. probata Fall 10–153 Cal.
30. suspecta Fall 10–154 So.Cal.
31. nitidiventris Fall 10–155 L.Cal.
32. vicaria Horn 89–222 Mass.Fla.Ariz.

Haltica Geoffr.

15933. carinata Germ. 24–610 Vt.Pa.So.Cal.
exapta Say 32–6 Fla.
34. torquata Lec. 58–27 Kan.Fla. Me.
35. californica Mann. 43–310 Cal. So.Cal.
36. obliterata Lec. 59–26 Ariz. N.Mex.
37. evicta Lec. 59–286 Or.
38. convicta Fall 10–155 So.Cal.
39. æruginosa Lec. 59–286 So.Cal.-Or.
40. obolina Lec. 57–67 So.& No.Cal.
41. amœna Horn 89–225 Ga. [Nev.
42. marevagans Horn 89–226 Conn.-Fla.
43. tombacina Mann. 53–259 Alas. Cal.
44. ovulata Fall 10–156 Colo. [Mont.
45. tincta Lec. 59–286 Nev. Or. Cal. Mont.
46. foliacea Lec. 58–86 Mo. Ariz. Cal.
punctipennis Lec. 59–25 So.Cal.
47. lazulina Lec. 57–67 Colo. Mont. Wash.
48. polita Oliv. 08–706 S.C. Ga.
49. fuscoænea Melsh. 47–165 Mass.Ga.Ind.
50. knabi Blatch. 10–1203 Ind.
51. opulenta Horn 89–230 So.Ariz.
52. ludoviciana Fall 10–157 La.
53. floridana Horn 89–230 Fla.
54. burgessi Cr. 73–71 Fla.
55. rufa Ill. 07–153 Mass. Ill. Ind.
56. scutellaris Oliv. 08–699 [Fla. Tex.
57. testacea Fall 10–157 Tex.
58. texana Schffr. 06–250 Tex.
59. oleracea (L.) 35–593 Greenland?

LACTICINI

Lactica Er. 47–173

15960. tibialis (Oliv.) 08–697 N.C. Fla. La.
ocreata (Say) 32–7
xanthochroa Harold 75–89 Fla.
61. iris (Oliv.) 08–702 Md. Ga. Ind.
specularis Harold 75–89 Fla.
62. bumeliæ Schffr. 05–172 Tex.
63. infuscata Schffr. 06–250 Tex.

Diphaulaca Clark 65–377

15964. bicolorata Horn 89–234 Mich.La.Kan. Ga. Fla.

Trichaltica Harold 76–2

15965. scabricula (Cr.) 73–71 O.-Tex. Ind.
66. virescens Schffr. 06–251 Ariz.

CREPIDODERINI

Hemiglyptus Horn 89–237

15967. basalis (Cr.) 74–80 Cal. So.Cal.

Chalcoides Foudr. 60–312

15968. helxines (L.) 58–373 Ind.
nana (Say) 24–86 Atl.-Pac. Fla. Ariz. So.Cal.
violacea (Melsh.) [Eur. Sib.
opulenta (Lec.) [Greenland

Crepidodera Chev. 44–334

15969. erythropus Melsh. 47–165 Atl.-la. Ind.
?rufipes (L.) 58–373 Eur. [Colo.
70. æsculi Dury 06–253 Ohio
71. longula Horn 89–240 Kan. Ind.
72. pallida Fall 10–158 No.Cal.
73. robusta Lec. 74–274 N.H.
74. atriventris Melsh. 47–165 Mass.-Md.Fla.
74½. carinata Linell 97–484 No.Car.

[1] Also spelled Altica.

Crepidodera Chev.
15975. nitens Horn 89–243 Ill. Ind.
76. peninsularis Horn 95–249 L.Cal.

Hippuriphila Foudr. 60–306
15977. modeeri (L.) 61–167 Sib.Eur. Can. Mich. Ind. Or.
mancula (Lec.) 61–358 [H.B.T. Cal.

Sangaria Harold 76–13
15978. flexicaulis Schffr. 06–172 Tex.

Epitrix Foudras 60–308
15979. fuscula Cr. 73–72 Atl.-Mo. Ind.
80. humeralis Dury 06–253 O. Ind. Kan.
81. lobata Cr. 73–72 N.C. Fla.
82. cucumeris Har. 51–103 Mass. Ga. Ind.
pubescens (pars) Ill. 07–58 [Cal. So.Cal.
seminulum Lec. 61–358

Epitrix Foudras
15983. brevis Sz. 78–367 Fla. Tex. Ind.
84. fasciata Blatch. 18–56 Fla.
85. subcrinita Lec. 57–68 Or. So.Cal. Ariz.
86. parvula (Fab.) 01–468 So.Cal. U.S. Nev. Ind. Fla.
hirtipennis (Melsh.) 47–165 [Conn.
87. flavotestacea Horn 94–407 L.Cal.

Orthaltica Cr. 73–69
15988. copalina (Fab.) 01–466 Mass.Fla.Ind.
forticornis (Ill.) 07–111 [Ia.
89. melina Horn 89–249 Ind. Kan. Tex.

Leptotrix Horn 89–249
15990. reticollis (Lec.) 61–358 So.Cal. Or.

LUPERA LTICINI

Luperaltica Cr. 73–70
15991. fuscula (Lec.) 65–206 Pa.Va.Ia.Kan.
nigripalpis (Lec.) 65–206

Luperaltica Cr.
15992. senilis (Say) 24–87 Pa. Ind. Ill.
tincta (Lec.) 65–206

ARSIPODINI

Mantura Steph. 31–323
15993. floridana Cr. 73–73 Mass.Fla.Tex. Ind.

EUPLECTROSCELINI

Euplectroscelis Cr. 73–75
15994. xanti Cr. 73–75 L.Cal.

CHÆTOCNEMINI

Chætocnema Steph. 31–325
15995. cribrata Lec. 78–419 Mass. (Or.?)
96. perturbata Horn 89–257 Minn. Colo.
97. irregularis Lec. 57–69 Cal. Or. Nev.
rudis Lec. 78–615 [Mich.
98. subcylindrica Lec. 78–419 Mass.Pa.B.C.
99. protensa Lec. 78–417 Colo. Mich.
16000. brunnescens Horn 89–259 Fla. [Md. Ind.
01. denticulata (Ill.) 07–163 N.Eng. Fla. Tex.
semichalcea Melsh. 47–167 Mont.Cal.Ind.
amerieana Mots. 60–235
texana Cr. 73–74
02. cribrifrons Lec. 79–547 Ga. Tex. Cal. Ind.
03. pinguis Lec. 78–417 N.C. Fla. Tex.
04. æmula Horn 89–261 Ariz. [Ind.
05. opaeula Lec. 78–418 So.Cal. Cal. (Colo.?)
06. minuta Melsh. 47–167 Conn.Fla.Ariz.
07. carinata Linell 98–484 N.C. [Ind.

Chætocnema Steph.
16008. alutacea Cr. 73–74 Ga. Fla.
09. subviridis Lec. 59–27 So.Cal. Kan. Cal.
10. opulenta Horn 89–264 So.Cal.N.Mex.
11. obesula Lec. 78–418 Fla. [Ind.
12. ectypa Horn 89–265 So.Cal. Ariz.
13. parcepunctata Cr. 73–74 Mass.Fla.Tex.
paupercula Csy. 84–53 L.I. [Ind.
14. pulicaria Melsh. 47–167 Pa. N.C. Ind. Colo. Conn. [Fla.
æneola Lec. 79–518
15. crenulata Cr. 73–74 N.C. Fla.
16. confinis Cr. 73–75 Conn.-Fla.Ind. [Cal.
flavicornis Lec. 78–418
17. costata Fall 07–252 N.Mex.
18. elongatula Cr. 73–75 Kan. Colo.
19. dispar Horn 89–267 No.Ga. [Dak.
20. quadricollis Sz. 78–368 Fla. N.J.
21. decipiens Lec. 78–418 Kan.

SYSTENINI

Systena Clark 65–378
16022. hudsonias (Forst.) 71–26 Atl.-Colo.Ind.
frontalis ‡ Ill.) 07–155 pars
23. pallicornis Schffr. 06–252 Tex.
frontalis (Fab.) 01–500 Atl.-Colo. Ind.
24. collaris Cr. 73–68 Tex. [Fla.
25. subænea (Lec.) 57–68 Cal. Nev.
26. pallipes Sz. 78–367 Ga. Fla.

Systena Clark
16027. elongata (Fab.) 98–99 S.C. Ga. Ind. Fla.
28. tæniata (Say) 24–294 Conn. So.Cal. Ariz.
blanda (Melsh.) 47–164 N.Eng. Dak.
ligata (Lec.) 57–68 Cal. Nev.
ochracea (Lec.) 58–87 Cal. Ariz.

Systena Clark
mitis (Lec.) 58–87 Nev.Cal.Ariz.
bitæniata (Lec.) 59–36 Ariz.
pallidula (Boh.) 58–192 Ariz.

Systena Clark
16029. marginalis (Ill.) 07–150 Mass.Fla.Mo.
oblonga (Lec.) 24–173 [Ind.
30. sexnotata Fall 10–159 Tex.

OXYGONINI

Dysphenges Horn 94–408
16031. elongatulus Horn 94–409 L.Cal.

APHTHONINI

Longitarsus Latr. 29–155
16032. varicornis Suffr. 68–215 Cuba,
subcinctus Harold 76–30 S.Am. Mex.
heliophyti Horn 89–278 Fla. Ala. Tex.
33. subrufus Lec. 59–26 Kan. Ind.
34. turbatus Horn 89–279 Mich.Ala.Tex.
35. oregonensis Horn 89–280 Or. [Ind.
36. tractus Horn 89–280 S.W.Va.
37. postremus Horn 89–280 W.Nev.
38. repandus Lec. 58–87 So.Cal. Ariz.
39. livens Lec. 58–87 So.Cal.
40. vanus Horn 89–282 Tex. Ariz.
41. occidentalis Horn 89–282 Colo. Ut. Ariz.
42. bicolor Horn 89–282 N.Mex.
43. alternatus (Zieg.) 46–271 Pa. Ind. Colo.
rubicundus (Melsh.) 47–166
rubidus Lec. 59–26
44. montivagus Horn 89–283 So.Cal. Nev.
45. erro Horn 89–284 L.Sup. Ind.
46. pygmæus Horn 89–284 Ga. Fla.
47. testaceus Melsh. 47–166 Pa. Ga. Ind.
48. cotulus Blatch. 14–141 Fla. [Fla.
49. melanurus Melsh. 47–166 Fla. Can. N.C.
Ind. Mo.
50. rufescens Horn 89–285 Cal.
51. insolens Horn 89–286 Va.N.J.Conn.
52. perforatus Horn 89–286 Fla.
53. solidaginis Horn 89–286 Fla.
54. nitidellus Ckll. 88–4 Ariz. N.Mex.
Colo.
55. mancus Lec. 58–87 Cal. So.Cal.
apterus Lec. 58–87
— californicus (Mots.)45–382 (Cal.?) (Tex.?)

Glyptina Lec. 59–26
(*Batophila* ‡ Lec. nec Foud. 60–266)
16056. bicolor Horn 89–289 Fla. Ga. La.
Kan. Ind.
57. arizonica Schffr. 06–252 Ariz.
58. cyanipennis Cr. 73–65 Fla. Tex. Ind.
59. nivalis Horn 89–290 N.Mex.
60. brunnea Horn 89–291 Fla. Ga. La.
Wis. [Tex.

Glyptina Lec.
16061. spuria Lec. 59–26 Pa. Fla. Dak.
lissotorques Lec. 59–26 Pa. [Ind.
62. cerina (Lec.) 57–68 So.Cal. Ariz.
(Fla.?)
63. atriventris Horn 89–292 Tex. Colo.
So.Cal. Ariz.

Phyllotreta Foudras 60–230
(*Orchestris* ‡ Cr. 73–65)
A.
16064. lepidula (Lec.) 57–68 Cal. So.Cal.
65. sinuata (Steph.) 31–297 Sib. Eur. Atl.-
Mo.Ind.Mich.
zimmermanni (Cr.) 73–66 [Pa.
66. vittata (Fab.) 01–469 Atl.-Ind. Fla.
(So.Cal.?)
striolata Ill. 07–293
67. oregonensis (Cr.) 73–66 Or. Nev.
68. robusta Lec. 78–614 Colo. Ind.
69. denticornis Horn 89–297 Cal.
70. ulkei Horn 89–298 Ohio
71. decipiens Horn 89–298 Or. Wash.
72. albionica (Lec.) 57–68 Cal. So.Cal.
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73. ramosa (Cr.) 74–80 Cal. So.Cal.
74. bipustulata (Fab.) 01–464 Conn.S.C.Ind.
75. armoraciæ (Koch) 03–75 Eur. Ind. N.J.
76. chalybeipennis(Cr.)73–67 Mass.-Fla.
77. lewisi (Cr.) 73–66 Cal. Ariz. Tex.
Ind.
78. æneicollis (Cr.) 73–67 Kan. Tex. Ind.
79. lindahli Dury 06–254 Ohio
80. pusilla Horn 89–302 Dak. Tex.-
Ariz. So.Cal.
81. picta (Say) 24–87 N.C. Fla. Tex.
Ind.

Aphthona Chev. 42–5
(*Ceratalтica* Cr. 73–73)
16082. texana (Cr.) 73–67 Tex.Colo.Neb.
83. socia Horn 89–304 Tex.
84. insolita (Melsh.) 47–168 Pa. Fla. Ind.
— subglobosa Mots. 45–384 Cal.

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Dibolia Latr. 29–155
16085. sinuata Horn 89–307 Tex.
86. borealis Chev. 45–307 Can. E.U S.
ærea Melsh. 47–167 [Ind.

Dibolia Latr.
16087. ovata Lec. 59–286 Cal. Nev.
(So.Cal.?)
88. libonoti Horn 89–308 Ariz.

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Psylliodes Latr. 29–154
16089. punctulata Melsh. 47–166 Can. Wash.
Tex. Ind. Fla.
parvicollis Lec. 57–69 [So.Cal.
extricata Csy. 84–54 ♂ N.J.
æneiscens Csy. 84–55 L.I.

Psylliodes Latr.
16090. convexior Lec. 57–69 So.Cal. Fla.
interstitialis Lec. 58–67 [D.C. Ind.
91. guatemalensis Jac. 87–394 Ariz.
92. sublævis Horn 89–321 S.W.Utah
93. elegans Horn 89–311 Fla. Kan.

HISPINÆ

Crotch 73; Horn 83; Weise 11

CEPHALOLIINI

Stenispa Baly 58–13
16094. metallica (Fab.) 01–66 Fla.S.C.M.St. N.Eng. Ind.
brevicollis (Rand.) 38–48 Tex.

Stenispa Baly
16095. collaris Baly 58–163 La.Okla.Mich. Tex.

CHALEPINI

Anisostena Weise 10–120
(*Charistena* ‡ Cr. Horn)
16096. nigrita (Oliv.) 08–778 Atl. St. Fla.
97. suturalis Weise 07–205 Ariz.
98. nunenmacheri Weise 07–206 Ariz.
99. perspicua Horn 83–298 Ariz. N.Mex.
16100. bicolor Smith 85–95 N.Mex.
01. funesta Baly 85–46 Mex. Ariz.
02. ariadne Newn. 40–77 S.C. Fla.
03. lecontei Baly 64–252 Fla.

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(*Odontota* ‡ Horn)
16104. gracilis (Horn) 83–298 Tex.
05. inæqualis (Web.) 01–65 Atl.-Mo.Ind.
baucis (Newn.) 38–390
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?nervosa (Panz.) 98–8[1]
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obsoleta (Say) 23–432
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06. rosea (Web.) 01–66 N.Am.Mex.
a. philemon (Newn.) 38–390 [Fla.
07. lateritia (Smith) 85–95 Ariz.

Chalepus Thunb. 05–282
(*Odontota* ‡ Cr. Horn)

Chalepus Thunb.
16108. walshi (Cr.) 73–81 Ill. Ark. Colo.
collaris || Say 23–433 [Ariz.
09. bicolor (Oliv.) 92–96 Ct.Fla.Atl.St.
bacchus (Newn.) 40–76 [Ind.
(*Venochalepus* Weise 10–136)
10. ater Weise 05–134 Mex. Ariz.
omoger (Chap.) 77–12 & Horn
a. crotchi Weise 10–144
11. scapularis (Oliv.) 08–766 Ind. Conn.-
lateralis (Say) 23–431 [Ariz.Fla.
12. notatus (Oliv.) 08–774 N.C. Fla.
13. dorsalis Thunb. 05–282 M.&.S.St. Ind.
scutellaris (Oliv.) 08–771
harrisi (Cr.) 73–81
14. horni (Smith) 85–94 Atl.St. Ind.
smithi Donck. 99–592
— collaris Thunb. 05–282 N.Am.?
— rufigaster Thunb. 05–282 N.Am.?

Baliosus Weise 05–64
16115. californicus (Horn) 83–297 Ariz.Mex. So.Cal.
16. ruber (Web.) 01–66 N.&C.Am. Ind.Conn.Fla.
marginatus (Say) 24–292
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Brachycoryna Baly 86–89
16117. horni Weise 05–319 Cal.
melsheimeri ‡ Horn 83–294 So.Cal.
18. longula Weise 07–207 Ariz.
19. ?melsheimeri (Cr.) 73–83 Pa.
20. montana (Horn) 83–294 Mont.
21. pumila Guér. 44–280 Mex. Tex.

Stenopodius Horn 83–301
16122. flavidus Horn 83–301 So.Cal. Ariz.

Octotoma Suffr. 68–234
16123. marginicollis Horn 83–300 Ariz. Mex.
24. plicatula (Fab.) 01–63 Ill.Tex. Ind. Fla.

Uroplata Baly 64–335
16125. nigella Weise 07–208 Ariz.
26. porcata (Melsh.) 46–161 Pa. Ill. Fla.
?pluto (Newn.) 40–77 [Conn.

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16127. melanura Chap. 77–22 Mex. Tex.

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16128. suturalis Baly 85–51 Mex. Ariz.
arizonica (Schffr.) 06–253
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Microrhopala Baly 64–268
16129. vittata (Fab.) 98–117 Atl.-Colo. Ind.
a. laetula (Lec.) 59–27 Kan.-Or.
30. xerene (Newn.) 38–290 Atl. St. Ind.
a. interrupta Couper 65–63 Can.
31. rubrolineata (Mann.) 43–307 Cal. So.Cal.
a. signaticollis (Lec.) 59–84
bivitticollis Baly 64–270
b. vulnerata Horn 83–292 Ariz.
32. floridana Sz. 78–369 Fla.
33. excavata (Oliv.) 08–775 Ind. Can. Ga.
34. erebus (Newn.) 40–77 Fla. [Tex.
35. cyanea (Say) 23–433 Mo.Colo.Tex.
hecate (Newn.) 40–77
36. uniformis Smith 85–94 Ariz.

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Porphyraspis Hope 40–154
16137. cyanea (Say) 23–435
erythrocera (Germ.) 24–731 Ga. Fla.

Hilarocassis Spaeth 13–133
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16138. exclamationis (L.) 67–577 Mex. L.Cal.

Chelymorpha Boh. 54–1
16139. cassidea (Fab.) 75–82 Can.-Fla.
argus (Licht.) 95–66 [Wash. Ind.
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a. lewisi Cr. 73–77 N.Mex. Colo.
b. phytophagica Cr. 73–77 Ariz.
c. 17-punctata (Say) 23–435 Ark.
d. geniculata Boh. 54–39 Cuba, Fla.

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16140. jamaicensis (L.) 58–364 Jam. Fla.
?vitrea Boh. 54–239 Bahama

Physonota Boh. 54–90
16141. alutacea Boh. 54–191 Ven.-Mex.
a. cyrtodes Boh. 54–192 L.Cal. Tex.
42. unipunctata (Say) 23–434 Fla.Can.N.C.
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a. quinquepunctata Walsh 69–4
septentrionalis Boh. 62–245
43. ?picticollis Boh. 54–193 Guat. Ariz.

Cassida L. 58–362
16144. nebulosa L. 58–363 Sib. Eur. So.Cal.(N.Y.?)
45. rubiginosa Müll. 76–65 Eur. Can.
viridis Scop. 63–37 nec L.
46. ?panzeri Weise 07–14 Eur. Tex.
?thoracica Panz. 96–38 (nec Ill.)
47. flaveola Thunb. 94–103 Eur.Que.Wis. Minn.

Jonthonota Spaeth 13–141
(*Cassida* auct. pars)
16148. mexicana (Champ.) 94–176 Mex. Ariz.
49. nigripes (Oliv.) 90–384 N.J. Fla. Tex. Mich. Ind.
a. atripes (Lec.) 59–28 Colo.
b. ellipsis (Lec.) 59–28 Colo.
c. novemmaculata (Mann.) 43–308 Cal.

Gratiana Spaeth 13–142
(*Cassida* auct. pars)
16150. pallidula (Boh.) 54–457 Mex. So.U.S. Ind.
texana (Cr.) 73–78 Ga.-So.Cal.

Orectis Spaeth 01–346
(*Cassida* auct. pars)
16151. callosa (Boh.) 54–471 Tex.Fla.S.C.

Chirida Chap. 75–406
(*Coptocycla* auct. pars)
16152. guttata (Oliv.) 90–383 Mass.Mont. So.Am.Ind.
bohemani Sp. 14–124 [Fla.
cruciata (Fab.) 75–90
signifera (Herbst) 99–313
a. pennsylvanica Sp. 14–124
trabeata var. a (Boh.) 55–319
plicata ‡ Prov. 77–686 nec Boh.
b. lucidula (Boh.) 55–321
trabeata var. b. (Boh.) 55–320
immunda (Boh.) 55–320
c. lecontei (Cr.) 73–79 Ariz.N.Mex.
53. extensa (Boh.) 55–261 Mex. Tex. Fla.

Psalidonota Boh. 55–81
(*Coptocycla* auct. pars)
16154. leprosa Boh. 55–86 C.Am. Tex.
?marmorata (Champ.) 94–187

Deloyala Chev. 34–371 (nec Redt.)
(*Coptocycla* auct. pars)
16155. clavata (Fab.) 98–83 Ind.Mass.-Ariz. Fla.

Metriona Weise 96–13
(*Coptocycla* auct. pars)
16156. bivittata (Say) 27–295 Mass.Fla.
striolata (Boh.) 54–444 [Ariz. Ind.
vittula (Boh.) 54–445
57. bicolor (Fab.) 98–83 Conn.Ind.Fla.
aurichalcea (Fab.) 01–397 (So.Cal.?)
bistripunctata (Herbst) 99–275
?marylandica (Herbst) 99–274
pallida (Herbst) 99–262
?bisignata (Boh.) 55–119 N.Am.?
a. aurisplendens (Mann.) 43–307
58. emarginata (Boh.) 55–298 Mex.Ariz.
arizonæ (Cr.) 73–78 Ariz.
59. purpurata (Boh.) 55–300 Ind.Me.-Mont.Fla.Tex.
60. profligata (Boh.) 62–446 Mex. Ariz.

Coptocycla Boh. 55–90
16161. ?repudiata Suffr. 68–249 Cuba, Fla.

Ctenochira Chap. 75–409
(*Coptocycla* auct. pars)
16162. bonvouloiri (Boh.) 62–417 Mex.L.Cal. Tex.

MYLABRIDÆ

(= *Bruchidæ*) *Mylabroidea* Pierce 16–462

Horn 73, 85; Schaeffer 07; Fall 10, 12; Pic 13

Pachymerus Thunb. 05–282
(*Caryoborus* Schön. 33–92)
16163. gleditsiæ (L.) 67–605 Cuba, N.Am.
arthriticus (Fab.) 01–398 Tex. Fla.
64. veseyi (Horn) 73–312 L.Cal.

Mylabris Müll. 64–14
(*Bruchus* L. 67–604)
(*Laria* Scop. 63–21)
(*Acanthoscelides* Schil. 05–C)
(*Bruchidius* Schil. 05–B)

Mylabris Müll.
(*Callosobruchus* Pic 02–6)
(*Pachybruchus* Pic 12–92)

I.

16165. pisorum (L.) 58–356 Cosmop.Ind. So.Cal.
pisi L. 67–604 Atl.-Pac.
cruciger Geoffr. 85–112
salicis (Scop.) 63–22
66. rufimanus Boh. 33–58 Cosmop.N.J.
fabæ Mots. 54–6
?granarius Marsh. 02–235

II.

(*Pseudopachymerus* Pic 13–10)
67. mimus Say 31–2 M.St.Kan.
borealis Schön. 39–132 [Tex. Ind.
cratægi Fåhr. 39–119
murinus Schön. 39–132
68. arizonensis Schffr. 04–229 Ariz.
69. gibbithorax Schffr. 04–230 Ariz.Ut.Cal.
70. texanus Schffr. 04–231 Tex.

III.

71. chinensis (L.) 58–386 Cosmop.D.C. Va.
adustus Mots. 73–228 La.Ga.Fla.-Miss.
pectinicornis L. 67–605♂ Tenn.Tex.
rufus DeG. 75–281 ♀ [So.Am.
scutellaris Fab. 92–372 ♀
?biguttellus Schön. 33–42
72. quadrimaculatus Fab. 92–371 So.St.D.C. N.J. Conn. Tex.Fla.W.I. So.Eur.Africa
?sinuatus Schön. 39–8
?maculatus Fab. 75–65
73. ambiguus Schön. 39–11 La.

IV. (=*Pachybruchus*?)

74. coryphæ Oliv. 95–16 Ga.Tex.Fla.
75. discoideus Say 23–307 N.J. Man. Colo.
76. leucosomus Sharp 85–488 Mex.L.Cal.
77. impiger Horn 73–321 Tex.Ariz.So.
ramicornis || Boh. 58–112 [Cal.
a. ?cubiculus Csy. 84–183 Ariz.
78. arenarius Wolc. 12–162 Ill.
79. serratifemur Schffr. 07–294 So.Ariz.
80. crenatus Schffr. 09–385 So.Ariz.

V.

81. ulkei Horn 73–324 Ariz.
82. bivulneratus Horn 73–324 N.J.-Kan.
abbreviatus Dohrn 79–187 [Ariz. Ind.
83. auctus Fall 10–166 So.Ariz.
84. discopterus Fall 10–167 So.Cal.
85. depressus Fall 12–321 Fla.
86. discolor Horn 73–324 Tex.-Ariz.
87. limbatus Horn 73–324 Tex.Ariz. L.Cal.So.Cal.
88. cruentatus Horn 73–324 N.Y.Dak.Tex. Fla.
89. simulans Schffr. 07–296 So.Ariz.
90. nigrinus Horn 73–324 M.St.Conn. N.Y.
91. pruininus Horn 73–324 Tex.Ariz. So.Cal.
92. pythonicus Pic 13–43 So.Ariz.
pygidialis || Schffr. 07–297

Mylabris Müll.

16193. sordidus Horn 73–317 Tex.-L.Cal. So.Cal.
94. subæneus Schffr. 07–298 Tex.

VI. VII.

95. protractus Horn 73–330 Ariz.Tex.-L.Cal.So.Cal.
96. amicus Horn 73–331 Tex. Ariz.
97. sallei Sharp 85–475 Mex. Tex.
98. uniformis Lec. 58–77 Tex.L.Cal.
desertorum Lec. 58–78 Tex.L.Cal.
prosopis Lec. 58–77 So.Cal.Tex. L.Cal.Ariz.
99. prosopoides Schffr. 07–299 Tex.
16200. bisignatus Horn 73–330 Ariz. Kan. N.Mex.
01. macrophthalmus Schffr. 07–300 Tex.
02. speciosus Schffr. 07–301 So.Ariz.
03. pectoralis Horn 73–330 Tex. Ind.
04. ochraceicolor Pic 13–110 Tex.
ochraceus || Schffr. 07–303
05. floridæ Horn 73–332 Fla.
06. innotatus Pic 12–92 M. St.
inornatus || Horn 73–330
07. griseolus Fall 10–175 S.E.Cal.
08. collusus Fall 10–176 So.Cal.
09. perplexus Fall 10–177 N.Mex. S.Cal.
10. obsoletus Say 31–2 Ind.D.C.
distinguendus Horn 73–331 Fla. Ga. Ala. Ind.
11. longistilus Horn 73–331 Ind. Mass.-Tenn. Fla.
12. pugiunculus Fall 10–178 So.Ariz.
13. biustulus Fall 10–178 So.Ariz.
14. pulloides Fall 10–179 N.Mex.
15. pauperculus Lec. 57–52 So.Cal. Ariz.
aureolus Horn 73–328 Ariz. W.U.S. So.Cal.
16. pullus Fall 10–180 Cal.
17. brunneostictus Fall 12–322 Cal.
18. alboscutellatus Horn 73–331 N.J. Fla. La.
19. mixtus Horn 73–331 Utah [Ind.
20. inquisitus Fall 10–180 Cal.
21. obtectus Say 31–1 Cosmop. Ind.
fabæ Riley 71–52 [So.Cal.
breweri Cr. 67–389
irresectus Fåhr. 39–18
pallidipes Fåhr. 39–91
subellepticus Woll. 54–420
obsoletus ‡ auct. nec Say
?varicornis Mots. 73–239
22. hibisci Oliv. 95–21 E.U.S. Ind.
transversus Say 31–3
23. rufovittatus Schffr. 07–303 Ariz.
24. schrankiæ Horn 73–331 Mo.
25. cbiricahuæ Fall 10–181 So.Ariz.
26. æqualis Sharp 85–481 Tex.
27. perforatus Horn 73–331 Kan.Can.Ariz.
28. lobatus Fall 10–182 N.Mex.
29. subserripes Fall 10–183 W.Tex.
30. fumatus Schffr. 07–302 So.Ariz.
31. calvus Horn 73–331 Ind. Mass. Tenn.
32. fraterculus Horn 73–331 Ind. Cal.

VIII

33. horni Pic 12–92 Fla.-So.Cal.
exiguus || Horn 73–341 [Ind.

Mylabris Müll.
16234. schaefferi Pic 12–92 Tex.
rufescens || Schffr. 07–304
35. placidus Horn 73–341 Tex. Ariz.
36. musculus Say 31–3 Ind. Mass. Ga. Mich. Fla.

VIII A

37. julianus Horn 94–410 L.Cal. Tex.
ochreolineatus Fall 10–186 Ariz.
38. quadridentatus Schffr. 07–304 Tex.
39. major Fall 12–321 Tex.

IX

40. macrocerus Horn 73–342 N.J. D.C. Tenn. Ind.
41. compressicornis Schffr. 07–305 Tex.
42. flavicornis Sharp 85–480 Tex. L.Cal.
43. seminulum Horn 73–342 Fla. Kan. Ind. So.Cal. Ariz.
44. atomus Fall 10–188 Mass. N.Y.
44½. lentis Froel. 99–57 †Eur.& (N.Am.)
— abutilonis Mots. 73–232 N.Am.
— alboguttis Mots. 73–215 N.Am.
— californicus Boh. 58–114 N.Am.
— conspersus Mots. 73–224 N.Am.
— corallipes Mots. 73–232 N.Am.

Mylabris Müll.
— nictitans Mots. 73–241 N.Am.
— pallidipennis Mots. 73–210 N.Am.
— pulicarius Mots. 73–233 N.Am.
— rufus Mots. 73–223 N.Am.
— simplex Mots. 73–220 N.Am.

Spermophagus Schön. 33–102
16245. eustrophoides Schffr. 05–228 Fla.
46. hoffmannseggi Gyll. 33–105 E.U.S. Ind.
robiniæ || (Oliv.) 95–7
— robiniæ Fab. 81–75 So.Russia
47. vitis Schffr. 07–293 Ariz.

Zabrotes Horn 85–156
16248. cruciger Horn 85–157 Colo.
49. spectabilis Horn 85–157 Ariz. Nev. So.Cal.
50. obliteratus Horn 85–158 Ariz.Fla.? D.C.
51. subnitens Horn 85–158 Ga. D.C. N.J.
52. densus Horn 85–158 Cal. [Conn.
53. planifrons Horn 85–158 Ariz.
54. pectoralis Sharp 85–492 Mex. Tex.
55. semicinctus Horn 94–411 L.Cal.

BRENTOIDEA

Pierce 16–462

BRENTIDÆ

Horn 72; Schönfeldt 10; Schaeffer 15; Blatchley & Leng 16

Eupsalis Lacord. 66–430
16256. minuta Drury 70–95 E.N.Am.
brunnea Panz. 00–44 Va.
maxillosa Oliv. 89–443 N.Am.
septentrionis Herbst 97–183
a. lecontei Pow. 78–494 N.Y. Wis. Ill.
b. sallei Pow. 78–494 Va. Fla. Tex.
c. pauperculus Blatch. 16–21 Ind.

Vasseletia Sharp 95–32
16257. vasseleti Boh. 40–498 L.Cal. Mex.

Trachelizus Schön. 40–489
16258. uncimanus Boh. 39–496 Fla. Cuba

Heterobrenthus Sharp 95–42
16259. texanus Schffr. 15–51 Tex.

Brentus Fab. 87–95
(*Brenthus* ‡ auct.)
16260. peninsularis Horn 75–128 L.Cal.
61. anchorago (L.) 58–383 L.Cal. Fla.
canaliculatus Oliv. 89–191
hastilis Pall. 81–25
longicollis DeG. 78–273
peregrinus Herbst 02–190
lucanus Horn 75–129 Cal.

CURCULIONOIDEA

PLATYSTOMIDÆ Pierce 16–463

(*Anthribidæ*)

Leconte 76; Schaeffer 04, 06; Blatchley & Leng 16; Bovie 05; Jordan 07

TROPIDERINI

Ischnocerus Schön. 39–191
16262. infuscatus Fåhr. 39–192 D.C. Fla. Tex.

Ormiscus Waterh. 45–37
(*Hormiscus* ‡ auct.)
16263. saltator Lec. 76–397 Can. Fla. Ill.

Gonops Lec. 76–398
16264. fissunguis Lec. 76–398 Tex. So.Cal.

Toxotropis Lec. 76–397
16265. pusillus Lec. 76–398 N.J. Fla. Tex.
66. fasciatus Lec. 84–32 Mass. D.C. [Tex.

† Introduced occasionally in lentils.

Toxotropis Lec.
16267. sextuberculatus Schffr. 04–269 Fla.
68. submetallicus Schffr. 04–234 Tex. O.
69. floridanus Leng 16–28 Fla.
70. approximatus Lec. 76–398 So.Cal.
71. irroratus Schffr. 04–233 Tex.
72. eusphyroides Schffr. 06–270 Tex.
73. quercus Schffr. 06–270 Ariz.
74. albofasciatus Schffr. 06–271 Tex.

Eusphyrus Lec. 76–399
16275. walshi Lec. 76–399 Can. Fla. Ia.
76. rectus Schffr. 06–271 Tex.
77. arizonensis Schffr. 06–272 Ariz.

Gonotropis Lec. 76–393
16278. gibbosus Lec. 76–394 H.B.T. Colo. Me.

Eurymycter Lec. 76–394
16279. fasciatus (Oliv.) 95–9 N.Eng. Fla. Vanc. Tex.

Phanosolena Schffr. 04–234
16280. arizonica Schffr. 06–269 Ariz.
81. nigrotuberculata Schffr. 04–235 Tex.

Tropideres Schön. 26–35
16282. bimaculatus (Oliv.) 95–14 N.Eng. S.C. Wis.
4-notatus Say 27–249
83. rectus Lec. 76–395 N.J. Fla. O.

Allandrus Lec. 76–396
16284. bifasciatus Lec. 76–396 Can. Id. N.J. Utah

Griburiosoma Schffr. 06–272
16285. platanum Schffr. 06–273 Ariz.

ANTHRIBINI

Phœnicobiella Ckll. 06–254
(*Phœnicobius* || Lec. 76–400)
16286. chamæropis Lec. 76–400 Ga. Fla.
87. schwarzi Schffr. 06–273 Tex.

Piezocorynus Schön. 39–250
16288. dispar Gyll. 33–140 W.N.Y.-Tex.
89. virginicus Leng 18–11 Va.
90. mixtus Lec. 76–402 N.J. Fla. Ind.
91. moestus Lec. 24–172 N.J. Fla.
92. tesselatus Schffr. 06–274 Ariz.

Anthribus Geoffr. 62–306
16293. cornutus Say 31–4 Can. Fla. Tex.
coronatus Schön. 33–141 [Mo.
94. lividus Lec. 76–403 N.C. Fla.
95. vagus Horn 94–448 L.Cal.
96. bipunctatus Schffr. 04–235 Tex.
97. penicellatus Schffr. 04–236 Tex.

Toxonotus Lec. 66–575
16298. fascicularis (Schön.) 33–132 Fla. Cuba

Euparius Schön. 33–137
(*Cratoparis* Schön. 39–217)
16299. marmoreus (Oliv.) 95–12 Can. Fla. Tex.
lunatus (Fab.) 01–409 [Ia.
paganus Gyll. 33–142

Euparius Schön.
16300. lugubris (Oliv.) 95–13 D.C. Fla. Tex. Ark.
01. subtesselatus Schffr. 06–274 Ariz.

Aræoderes Schffr. 06–275
16302. texanus Schffr. 06–276 Tex.

Brachytarsus Schön. 26–35
16303. alternatus (Say) 27–250 Can. Fla. Tex.
04. sticticus Boh. 33–172 [Ia.
variegatus (Say) 27–251 Can. Fla. Ia.
obsoletus Schön. 39–167
05. tomentosus (Say) 26–251 N.Eng.Fla.
brevis Schön. 39–168 [Ind.
06. paululus Csy. 84–194 Del. N.C. Ind.
07. limbatus (Say) 26–250 Pa. Fla. Ill.
08. plumbeus Lec. 76–406 N.J. M.St.
09. vestitus Lec. 76–406 La. Miss.
10. griseus Lec. 76–405 Colo.
11. beyeri Schffr. 06–277 L.Cal.
12. ornatus Schffr. 06–276 Utah
13. riddelliæ Schffr. 06–277 Ariz.
14. nigromaculatus Schffr. 06–277 Ariz.

Anthribulus Lec. 76–406
16315. rotundatus Lec. 76–407 Mass. Fla. La.

ARÆOCERINI

Aræcerus Schön. 26–40
16316. fasciculatus (DeG.) 75–276 Cosmop. Fla.
coffeæ (Fab.) 01–411 [N.Y. Or.

Choragus Kby. 18–447
16317. sayi Lec. 76–408 N.J.D.C. Ohio

Choragus Kby.
16318. zimmermanni Lec. 76–408 N.Eng.-Fla.
19. harrisi Lec. 78–626 Mich.
(*Holostilpna* Jordan 07–382)
20. niteus Lec. 84–32 Mass. D.C.

XENORCHESTINI

Xenorchestes Woll. 54–417
16321. americanus Mots. 73–251 Ala. Fla. Tex.

Euxenus Lec. 76–409
16322. punctatus Lec. 76–409 Can. Mich.
23. piceus Lec. 78–434 Fla. [D.C.

BELIDÆ

ITHYCERINÆ

Ithycerus Schön. 26–55
16324. noveboracensis (Forst.) 71–35 Can.-Ga.-Tex.

CURCULIONIDÆ

Blatchley & Leng 16

RHINOMACERINÆ

(*Doydirhynchoidea*[1] Pierce 16–463) Pierce 09

Rhinomacer Fab. 87–123
16325. pilosus Lec. 76–2 Can.Fla.Miss. (Cal.?)
26. elongatus Lec. 76–2 Can.Ala.Miss.
27. pallipennis Blatch. 16–51 Can. N.J.
28. comptus Lec. 76–2 Cal.Colo. Wash.

Rhinomacer Fab.
16329. bombifrons Lec. 76–412 B.C.

Diodyrhynchus[1] Schön. 34–240
16330. byturoides Lec. 80–215 Cal. Or.

RHYNCHITINÆ

Pierce 13

(*Attelaboidea* Pierce 16–464 = *Apionidæ*, *Belidæ*, *Attelabidæ*, *Tachygonidæ*, *Pterocolidæ*, *Oxyrhynchidæ*)

AULETINI

Auletes Schön. 26–46
16331. ater Lec. 76–4 Can.Md.Ill.
32. nasalis Lec. 76–412 So.Cal. [Mo.
33. rufipennis Pierce 09–327 So.Cal.
34. viridis Pierce 09–327 No.Cal. Colo.
35. laticollis Csy. 88–233 So.Cal.

Auletes Schön.
16336. congruus (Walk.) 66–331 Wy. Colo. Id.
subcæruleus Lec. 76–4 Neb.
37. cassandræ Lec. 76–5 Ga. Fla.
38. albovestita Blatch. 16–54 N.Eng. N.C.

RHYNCHITINI

Deporaus Leach 19–201
(*Platyrhynchus* || Thunb. 15–123)
16339. glastinus Lec. 57–52 Colo.Ariz. So.Cal.Wash.

Eugnamptus Schön. 39–339
16340. striatus Lec. 76–5 Fla.
41. puncticeps Lec. 76–6 Ill.Ga.Md. Fla. Kan.
42. nigriventris Schffr. 05–178 Ariz.
a. pallidus Schffr. 08–213 Tex. Ariz.
43. collaris (Fab.) 01–410 Mass. Fla.
a. nigripes (Melsh.) Pierce 13–367 [Kan. Mass.-Tex.
b. fuscipes Pierce 13–367
44. ruficeps Pierce 13–367 Tex.
45. sulcifrons Gyll. 39–343 S.C.Ala.Tex.
46. punctatus Pierce 13–367 Ariz. [Ind.?
a. niger Pierce 13–367 Ariz.
47. angustatus Hbst. 97–140 Can.-Tex.
a. testaceus Pierce 13–367 Tex.

Rhynchites Hbst. 97–123
(*Merhynchites* Sharp 89–57)
16348. bicolor Fab. 98–388 N.H.Ia.Utah So.Cal.
a. ventralis Pierce 13–370 So.Dak.
b. wickhami Ckll. 12–82 B.C.-M.Mex.

Rhynchites Hbst.
c. piceus Pierce 13–370 Or.
d. viridilustrans Pierce 13–370 Ariz.
e. cockerelli Pierce 13–370 Cal. N.Dak.
(*Rhynchites* s. str.)
16349. velatus Lec. 80–216 Cal.
50. palmi Schffr. 05–138 Ariz.
51. æneus Boh. 29–22 Can. Fla. Or.
52. mexicanus Gyll. 33–227 Mex.Tex.Ariz.
53. eximius Lec. 76–413 Colo. Ariz.
54. hirtus Fab. 01–421 Mass. Fla. Mich.
55. naso Csy. 84–190 So.Cal.
56. planifrons Lec. 76–8 L.Cal.
57. aureus Lec. 76–8 So.Cal.Or.
58. fossifrons Lec. 76–8 Cal. [Colo.
59. cyanellus Lec. 76–8 Nfld.N.H. Colo.
60. æratoides Fall 01–260 So.Cal.
61. æratus Say 31–5 Can.-Fla. Mo.
62. perplexus Blatch. 16–95 Mass.Ga.Ind.
63. elusus Blatch. 16–96 Fla.
64. macrophthalmus Schffr. 08–214 Tex.Colo.Ariz.
— humeralis Boh. 59–117 Cal.?
— nigripennis Fab. 01–410 S.C.

[1] This name was spelled in three ways by Schönherr — Diodyrhynchus is preferred, being the first.

ATTELABINÆ

Attelabus L. 67–619
(*Homœolabus* Jek. 60–186)
16365. analis Ill. 05–616 Can. Fla. Tex.
a. similis Kby. 37–204
(*Synolabus* Jek. 60–186)
66. nigripes Lec. 24–171 Mass. Fla. Colo.

Attelabus L.
16367. bipustulatus Fab. 01–418 Can. Fla. Mo.
68. genalis Lec. 76–11 N.Mex.
69. rhois Boh. 29–21 N.S.Neb.Ariz.
pubescens Say 27–252
a. maculatus Prov. 77–521 Can.

PTEROCOLINÆ

Pterocolus Schön. 33–238
16370. ovatus (Fab.) 01–426 Can.Fla.Mo.

CYLADINÆ

Wagner 10

Cylas Latr. 02–196
16371. formicarius (Fab.) 98–174 India
a. elegantulus (Summers) 75–? †Fla.La.Tex.

APIONINÆ

Smith 84; Fall 98, 18; Wagner 10

Apion Hbst. 97–100

I.

16372. erraticum Sm. 84–44 Tex.
estriatum Sm. 85–47 ♀
73. impeditum Fall 98–113 N.Y. D.C.
74. quadricolle Fall 98–113 Miss.
75. protensum Lec. 57–53 Cal.
76. impunctistriatum Sm. 84–48 Pa.O.Ill.Tex.
77. coracellum Fall 98–115 D.C.
78. aneeps Fall 98–115 Ill.
79. atripes Sm. 84–49 D.C.Va.Ga.
80. finitimum Fall 98–116 Mass.D.C.
81. virile Fall 98–117 Colo. [Mich.
82. melanarium Gerst. 54–261 Can.D.C.Tex.
83. floridanum Sm. 84–49 Fla.
84. robustum Sm. 84–45 Mich. Tex.
obesum Sm. 84–49 ♀
85. obsoletum Sm. 84–44 Mich. Mo.
ovale Sm. 84–47 ♀ [Dak.
86. ellipticum Sm. 84–51 La.Neb.Tex.
87. desolatum Sm. 84–48 Ga. Fla.
88. sinuirostrum Fall 98–121 Fla.
89. molestum Fall 98–121 Ill.
90. minutum Sm. 84–50 Ga. Fla.
parvulum Sm. 84–49
91. texanum Sm. 84–51 Tex.
92. pennsylvanicum Boh. 39–417 Fla.N.Eng.
erythrocerum Sm. 84–44 [So.Cal.
93. funereum Fall 98–123 Cal. Wash.
94. occidentale Fall 98–123 Kan.Cal.Ariz.
95. hesperum Fall 98–124 So.Cal.

II.

96. perminutum Sm. 84–59 Mass.Fla.Tex.
97. reclusum Fall 98–126 N.J. D.C.
98. punctinasum Sm. 84–46 Nev.Wy.B.C.
99. pulchrum Blatch. 16–74 Ind.
16400. curticorne Fall 98–127 Tex.
01. sordidum Sm. 84–48 Ut.-So.Cal.
vespertinum Csy. 84–67 [Ariz.
a. californicum Sm. 84–52 So.Cal.

Apion Hbst.
16402. tenuiforme Fall 98–129 Fla.
03. aerophilum Fall 98–129 Colo.
04. antennatum Sm. 84–53 Vanc.-So.Cal. Nev.
05. œdorhynchum Lec. 58–78 So.Cal. Ariz. Mont.

III.

06. opacicolle Sm. 84–50 So.Cal.-Wash.
07. coxale Fall 98–134 D.C. N.C. L.Cal.
08. tenuirostrum Sm. 84–62 Tex.-Mont.
09. smithi Wagner 09–767 D.C.
æneipenne || Sm. 84–61
10. impexum Fall 98–136 L.Cal.
11. metallicum Gerst. 54–243 N.C. Fla. Tex.
12. troglodytes Mann. 43–289 Cal. So.Cal.
13. propinquicorne Fall 98–138 Tex.
14. modestum Sm. 84–58 Ill.-Colo. Ariz.
15. albidulum Fall 18–219 Cal.
16. subtinctum Fall 98–138 Tex. L.Cal.
17. pervicax Fall 98–139 Fla.
18. gulare Fall 98–140 Fla.
19. proclive Lec. 57–53 Ariz. Colo.-Or So.Cal.
nunenmacheri Wagn. 12–97
20. chuparosæ Fall 98–141 L.Cal.
21. grossulum Fall 98–141 Ariz.(?)
22. patruele Sm. 84–64 N.Eng. Fla. Tex.
23. walshi Sm. 84–57 N.H.D.C.Cal.
lanuginosum || Walsh 67–269 [Ariz.
vicinum Sm. 84–58
24. abdominale Sm. 84–53 Ariz. Cal.
25. perforicolle Fall 98–144 N.J. Ga.
26. novellum Fall 98–144 D.C. Md.
27. nebraskense Fall 98–145 Neb.
28. minor Sm. 84–56 L.Cal.
29. turbulentum Sm. 84–56 N.Y. D.C. Tex.
30. importunum Fall 98–146 Ga. Fla.
31. griseum Sm. 84–59 N.Y. Fla.
fraternum Sm. 84–60 [Ariz.

† Introduced.

Apion Hbst.

16432. eccentricum Fall 18–220 Ariz.
33. brunnicornis Fall 18–221 Ariz.
34. dolosum Fall 98–148 Ariz.
35. æquabile Fall 98–148 Ariz. L.Cal.
36. carinirostrum Fall 98–148 Ariz.
37. peninsulare Fall 98–149 L.Cal.
38. porosicolle Gemm. 71–122 Or. S.Cal. Ut.
cribricolle || Lec. 57–53
brevicolle Sm. 84–53
39. porcatum Boh. 39–374 Mass. Va. Tex.
40. centrale Fall 98–151 Colo.-H.B.T.
41. rostrum Say 27–253 N.H.-Fla. Tex.
sayi Gyll. 33–252
scrobicolle Gyll. 39–374
42. coloradense Fall 98–152 Colo.
43. nigrum Hbst. 97–122 N.H. D.C.
Kan.
44. cordatum Sm. 84–54 Wash. So.Cal.
45. oblitum Sm. 84–54 Tex. Colo. Neb.
capitatum Sm. 84–54
46. furtivum Fall 98–154 Ga.
47. commodum Fall 98–154 Mont.
48. confertum Sm. 84–63 Fla.

IV.

49. auripes Fall 98–157 Fla.
50. cavifrons Lec. 57–53 B.C.-So.Cal.
51. huron Fall 98–159 Mich. Ill.
52. varicorne Sm. 84–60 Ariz. Ga. Fla.-So.Cal. H.B.T.
53. alternatum Fall 98–160 N.Mex.
54. contusum Sm. 84–61 Dak.
55. nasutum Fall 98–161 Tex. N.Mex.
56. disparatum Sharp 90–75 Ariz.
57. segnipes Say 31–6 Mass. Fla.
cinereum Gerst. 54–250 [Kan.
58. arizonæ Fall 98–162 Ariz.
59. fumitarse Fall 98–162 Tex.
60. filum Fall 98–163 L.Cal.
61. ventricosum Lec. 58–78 So.Cal. Colo. Tex. L.Cal.
typicum Sm. 84–53 [Ariz.

Apion Hbst.

16462. haplopus Wagn. 12–99 Ariz.
63. eriogoni Fall 18–221 Ariz.
64. frontellum Fall 18–221 Tex.
65. subornatum Fall 98–164 Tex.
66. dilatatum Sm. 84–56 Ariz.
67. crassum Fall 98–165 Va.
68. decoloratum Sm. 84–52 Mass.-N.C. Ariz.
69. emaciipes Fall 98–166 N.H. D.C. Mich.
70. elutipes Fall 98–167 L.Cal.
71. perlentum Fall 18–222 So.Cal.
72. carinatum Sm. 84–52 Mass. Fla. La.
concoloratum Sm. 84–52
73. attenuatum Sm. 84–62 Can. Tex.
74. hibisci Fall 18–219 N.J. [So.Cal.
75. solutum Fall 98–168 Tex. N.Mex.
76. disparipes Fall 98–169 N.Mex.
77. spinipes Fall 98–169 Ariz.
78. graciliforme Fall 98–170 Dak.
79. extensum Sm. 84–61 Dak.
80. parallelum Sm. 84–47 Mass. D.C.
81. aculeatum Fall 98–171 Tex. [Mich.
82. persimile Fall 98–172 S.C.
83. fibulipes Fall 98–172 L.Cal.
84. falli Wagner 09–767 Ariz.
pyriforme || Sm. 84–57
85. lividum Sm. 87–56 Fla.
86. puritanum Fall 98–174 Mass. D.C.
87. umboniferum Fall 98–174 Md. [Wis.
88. herculanum Sm. 84–56 Mass. W.Va.
89. xanthoxyli Fall 98–176 Tex. [Mich.
— nodirostre Gyll. 54–261 Fla.
— vile Gerst. 54–249 Md.
— subglobosum Gerst. 54–243 N.Am.
— cuprascens Mann. 43–289 Alas.
— reconditum Gyll. 39–432 Pa.

Podapion Riley 83–61

16490. gallicola Riley 83–61 Mass.-Cal.

ALLOCORHYNINÆ

Allocorhynus Sharp 90–46

16491. slossoni Schffr. 05–139 Fla.

TACHYGONINÆ

Tachygonus Schön. 33–311

16492. lecontei Gyll. 33–312 N.J.-Tex.
93. spinipes Csy. 97–680 N.J. N.Y.
94. gracilipes Csy. 97–680 Ind. O. D.C.
95. fulvipes Lec. 76–266 Ill.

Tachygonus Schön.

16496. tardipes Lec. 76–266 Tex.
97. rhombus Csy. 97–681 Ariz.
98. centralis Lec. 68–55 N.Mex.

OTIORHYNCHINÆ[1]

(*Brachyrhinidæ* Bedel 85; Pierce 13; *Psallidiidæ* Pierce 16–464)

EREMNINI

Phyxelis Schön. 43–122

16499. rigidus (Say) 31–12 Can.-Ga.-Ia.
16500. latirostris Blatch. 16–107 Ind.

Phyxelis Schön.

— glomerosus Boh. 43–123
— setiferus Boh. 43–124

[1] The correct name for this subfamily seems to depend upon the date when the earlier genera were validated under the rules of nomenclature. Otiorhynchus Germar 1824 is according to Pierce 1913 antedated by Brachyrhinus Latreille 1802; but in 1916 Pierce, considering apparently the valid date for Latreille's genus 1807, found Psallidium Illiger 1806 the earliest name, on which the family was based.

The genera are arranged in harmony with Pierce 13.

OPHRYASTINI

(*Entiminæ* Pierce 13–373)

Sapotes Csy. 88–241
16501. punctícollis Csy. 88–241 Tex.-Ariz.

Eupagoderes Horn 76–32
16502. speciosus (Lec.) 53–444 Tex.-Ariz.
03. nivosus Fall 10–190 Ariz.
04. marmoratus Fall 10–191 Ariz.
05. sordidus (Lec.) 53–445 Kan.-Ariz.
06. decipiens (Lec.) 53–445 Tex.-Ariz.
07. dunnianus Csy. 88–240 Tex.
08. lucanus Horn 76–34 L.Cal.
09. wickhami (Sharp) 91–88 Ariz. Utah
10. argentatus (Lec.) 53–444 Ariz. So.Cal.
11. desertus Horn 76–34 So.Cal.(Ariz.?)
12. mortivallis Fall 10–192 So.Cal.
13. geminatus Horn 76–35 So.Cal. Nev.
14. varius (Lec.) 53–444 Ariz.So.Cal.
plumbeus Horn 76–35 So.Cal. [Nev.
15. aridus Fall 10–192 So.Cal.
16. cretaceus Sharp 91–96 Ariz.

Amydrogmus Pierce 13–374
16517. variabilis Pierce 13–374 Tex.

Ophryastes Schön. 33–508
16518. vittatus (Say) 23–316 Kan.N.Mex. Ariz.
19. tuberosus Lec. 53–443 Colo.N.Mex.
20. shufeldti Csy. 88–238 N.Mex.
21. sulcipennis Csy. 88–239 N.Mex.
22. latirostris Lec. 53–443 Kan. N.Mex.
validus Lec. 54–225 ♀ Ut. Ariz.
23. sulcirostris (Say) 23–316 Ariz.
ligatus Lec. 53–443 Kan.Colo.Ut.
24. porosus Lec. 45–225 Tex. Ariz.
25. ovipennis Sharp 91–90 Tex.
bituberosus‡Pierce 09–344 Tex. N.Mex.
26. collaris Champ. 11–318 Tex. Mex.
27. symmetricus Fall 07–260 N.Mex.

Tosastes Sharp 91–91
16528. globularis Pierce 09–344 N.Mex.
29. ovalis Pierce 09–345 Tex.
30. cinerascens Pierce 13–376 Wash.

Rhigopsis Lec. 74–459
16531. effracta Lec. 74–459 Cal. So.Cal.
scutellata Csy. 88–242 So.Cal.
32. simplex Horn 94–442 L.Cal.

TROPIPHORINI

Cimbocera Horn 76–55
16533. pauper Horn 76–56 Dak. Wy. Mont.
a. sericea Pierce 13–379 Utah,Mont. Colo.
b. conspersa Fall 07–261 N.Mex. Ariz.

Miloderes Csy. 88–252
16534. setosus Csy. 88–253 Cal.
35. viridis Pierce 09–348 Ariz.

Dichoxenus Horn 76–39
16536. setiger Horn 76–40 Tex.

Orimodema Horn 76–43
16537. protracta Horn 76–44 Colo. N.Mex. Ariz. So.Cal.

Amotus Csy. 88–243
(*Mimetes* ‡ Horn 76–44 nec Lacord.)
16538. seniculus Horn 76–45 Cal. (?)
39. longisternus Csy. 88–244 So.Cal.
40. longipennis Pierce 09–348 Cal.
41. gracilior Csy. 88–245 So.Cal.
setulosus ‡ Horn 76–45

Diamimus Horn 76–46
16542. subsericeus Horn 76–46 N.Mex.Colo. Wy.Mont.Ut. Ariz.

Peritaxia Horn 76–46
16543. rugicollis Horn 76–47 Colo.N.Mex. Ariz.
44. hispida Horn 76–47 Colo. Ariz.
45. perforata Csy. 88–245 Tex.
46. elongata Pierce 13–381 Tex.

Anametis Horn 76–43
16547. granulata (Say) 31–12 Nfld.-Wis.-Tex.
grisea Horn 76–43 Kan.Dak.Ill. (Ga.?)
a. subfusca Fall 07–261 N.Mex.

Anametis Horn
16548. setosus Blatch. 16–103 Ind. Mo.

Melbonus Csy. 95–820
16549. scapalis Csy. 95–821 Ariz.
50. denticulatus Pierce 09–350 Ariz.

Melamomphus Horn 76–40
(*Thricomigus* Horn 76–48)
16551. niger Horn 76–40 Nev.
52. elongatus (Horn) 76–53 Cal.
53. sordidus (Horn) 76–52 Cal.
54. deciduus (Horn) 76–52 Cal.
55. nigrescens Pierce 13–384 Wash.
56. luteus (Horn) 76–48 Mont.Wash.
?tessellatus (Csy.) 88–249 Cal.
57. raucus (Horn) 76–51 Cal. Vanc.
58. alternatus (Horn) 76–52 Mont. Cal.
?granulatus (Csy.) 88–248 No.Cal.
59. ciliatus Pierce 13–385 Cal.

Dysiobus Lec. 69–380
(*Amnesia* Horn 76–48 pars)
16560. tumidus (Csy.) 95–813 Cal.
61. granicollis (Lec.) 69–380 Or.Wash.
a. discors (Csy.) 95–814 Cal. [Vanc.
b. sculptilis (Csy.) 88–250 Cal.
62. bituberculatus Pierce 13–388 B.C.
63. denticulatus Pierce 13–388 No.Cal.
64. segnis (Lec.) 57–56 Cal. Or.
65. lecontei Csy. 95–811 No.Cal.-Wash.
66. verrucifer Csy. 95–812 Id.Vanc.B.C.
67. debilis (Csy.) 95–815 Or.
68. squamipunctatus (Pierce) 09–350 Cal.
69. decoratus (Lec.) 69–381 Or. Vanc.
70. ursinus (Horn) 76–51 Or.

Adaleres Csy. 95–816
16571. ovipennis Csy. 95–816 Cal. So.Cal.

Adaleres Csy.
16572. humeralis Csy. 95–818 So.Cal.

Panscopus Schön. 42–266
(*Nocheles* Lec. 74–456)
16573. torpidus (Lec.) 57–55 Wash. Or.
(*Phymatinus* Lec. 69–382)
74. gemmatus (Lec.) 57–56 Cal. Or.
75. sulcirostris Pierce 13–392 Wash.
(*Panscopus* s. str.)
76. erinaceus (Say) 31–12 N.H. D.C. W.Va.
77. alternatus Schffr. 08–214 N.C.Ga.W.Va.
78. maculosus Blatch. 16–105 Ind. N.Y.

Panscopus Schön.
(*Panscapidius* Pierce 13–394)
16579. squamosus Pierce 13–394 Or.
80. dentipes Pierce 13–395 Wash.
(*Nomidus* Csy. 95–819)
81. abruptus Csy. 95–819 Cal. Utah
82. impressus Pierce 13–395 Va. Ind. O.
83. ovalis Pierce 13–396 Alberta
(*Neopanscopus* Pierce 13–397)
84. æqualis (Horn) 76–55 Kan.-B.C. Utah, Wash.
cinereus Horn 76–55
a. vestitus Csy. 88–251 Nev.
85. squamifrons Pierce 13–397 Cal.
86. carinatus Pierce 13–398 Mich.

DIROTOGNATHINI

(*Dirotognathinæ* Pierce 13)

Dirotognathus Horn 76–79
16587. sordidus Horn 76–80 So.Cal. Ariz.

PROMECOPINI

(*Promecopinæ* Pierce 13)

Colecerus Schön. 40–928
(*Coleocerus* G. & H. 71–2374)
(*Bathyris* Lec. 74–461)
16588. dispar (Lec.) 74–462 Ariz.
89. marmoratus Horn 76–109 Tex. Ariz.

Aracanthus Schön. 40–822
16590. pallidus (Say) 31–9 Tex.Mo.Ia.O.

Eudiagogus Schön. 40–307
16591. pulcher Fähr. 40–310 Fla. Tex.
92. rosenschoeldi Fähr. 40–309 La.-Ala.Tex.

Promecops Schön. 26–135
— arcuata Fähr. 40–329 Brazil
nubifera var. Gyll. 34–167 Am. bor.?

TANYMECINI

(*Tanymecinæ* Pierce 13)

Pachnæus Schön. 26–121
16593. opalus (Oliv.) 95–339 Fla.
94. distans Horn 76–83 Fla.-N.J.

Tanymecus Germ. 17–341
16595. lacæna (Hbst.) 97–35 Ga. Fla. Tex.
canescens (Gyll.) 34–78 ♀
leucophæus (Gyll.) 34–85 ♂
96. confertus (Gyll.) 34–88 Atl.-Colo.
confusus (Say) 31–9

Minyomerus Horn 76–17
16597. innocuus Horn 76–18 Colo. Ariz.

Minyomerus Horn
(*Pseudelissa* Csy. 88–273)
16598. languidus Horn 76–18 Ariz. So.Cal.
cinerea Csy. 88–273 Tex.

Elissa Csy. 88–271
16599. laticeps Csy. 88–272 Tex.
16600. constricta Csy. 88–272 Ariz. So.Cal.

Hadromeropsis Pierce 13–400
(*Hadromerus*|| Schön. 34–125)
16601. opalinus Horn 76–85 Ariz.

PANDELETEINI

Schaeffer 08; Pierce 13

Isodacrys Sharp 11–175
16602. ovipennis Schffr. 08–215 Tex.

Polydacrys Schön. 34–130
16603. depressifrons Boh. 40–298 Tex.
cavirostris Schffr. 08–214 Tex.

Pandeleteius Schön. 34–129
(*Pandeletejus* Horn 76–86)
(*Pandeleteinus* Champ. 11–206)
16604. simplarius Fall 07–263 N.Mex.

Pandeleteius Schön.
16605. hilaris (Hbst.) 97–58 Can.-Tex.Fla.
pauperculus Gyll. 34–130
06. dentipes Pierce 13–403 Tex.
07. depressus Pierce 13–403 Ariz.
08. cinereus Horn 76–87 Tex.
09. subtropicus Fall 07–263 Fla.
10. submetallicus Schffr. 08–216 Utah
11. robustus Schffr. 08–215 Tex. Ariz.
12. rotundicollis Fall 07–262 N.Mex.

ALCEIDINI

(*Psallidiinæ* Pierce 13)

Pactorrhinus Ancey 81–485
16613. griseseens Ancey 81–485 Ariz.

CYPHINI

Compsus Schön. 26–109
16614. auricephalus (Say) 23–310 Ga.-Mex.Colo.
auripes Schön. 40–183

Cyphus Germ. 24–427
16615. lautus (Lec.) 54–85 Ariz. N.Mex.
16. placidus Horn 76–90 Ariz.

Pseudocyphus Schffr. 05–179
16617. flexicaulis Schffr. 05–179 Tex.

Glaphyrometopus Pierce 13–406
16618. ornithodorus Pierce 13–407 Tex.

Lachnopus Schön. 40–380
(*Ptilopus* || Schön. 26–120)
16619. floridanus Horn 76–101 Fla.

Evotus Lec. 74–459
16620. naso (Lec.) 57–56 Dak.Id.Or. Wash.

POLYDRUSINI

Polydrusus Germ. 17–341
(*Polydrosus* G. & H. 71–2211)
(*Cyphomimus* Horn 76–105)
16621. americanus Gyll. 34–136 Can.Md.Kan.
dorsalis Horn 76–105 Mo.
22. impressifrons Gyll. 34–140 †N.Y. Conn.
23. sericeus Schall. 83–286 †Ind.
24. peninsularis Horn 94–445 L.Cal.
25. ochreus (Fall) 07–264 N.Mex.

Scythropus Schön. 26–140
16626. elegans (Couper) 65–63 Can.Wash.Cal.
metallicus Desb.

Scythropus Schön.
16627. californicus Horn 76–107 Ariz.So.Cal. Or. Wash.
28. ferrugineus Csy. 88–276 Cal. Or.
29. erassicornis Csy. 88–277 N.Mex.
30. lateralis Csy. 88–275 Cal.
31. cinereus Csy. 88–277 Cal.
32. albidus Fall 01–310 Cal. Or. Id.
33. miscix Fall 01–310 Cal.Wash. Mont.

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34. delicatulus Horn 94–444 L.Cal.

BLOSYRINI

Hormorus Horn 76–23
(*Chlorophanus* ‡ Uhler)
16635. undulatus (Uhler) 55–416 Can.Md.Ill. Wis.

Agasphærops Horn 76–24
16636. nigra Horn 76–25 Cal.

SCIAPHILINI

Mitostylus Horn 76–107
(*Derosomus* Sharp 91–168)
16637. tenuis Horn 76–107 Tex.
38. gracilis Horn 94–444 L.Cal.
39. setosus (Sharp) 91–168 Tex. Mex.

Sciaphilus Schön. 26–98
16640. muricatus (Fab.) 01–544 Que.†Me.Vt. N.H. Mass.
asperatus Bonsd. 85–34 Eur. N.S. N.J.

THYLACITINI Pierce 13–411

(*Brachyderini* Horn)

Strophosoma Billberg 20–97
16641. coryli (Fab.) 01–524 Eur.Can.N.H. N.J. N.Y. Mass.

Thylacites Germ. 17–339
(*Brachyderes* Schön. 26–102)
16642. incanus (L.) 58–385 Eur.& N.Am. Mo.

EPICÆRINI

Anomadus Horn 76–21
16643. obliquus Horn 76–21 L.Cal.

Bradyrhyncoides Pierce 13–412
16644. constrictus Pierce 13–413 Tex.

Graphorhinus Say 31–8
16645. vadosus Say 31–8 Kan.Tex.Colo.

Epicærus Schön. 34–323
16646. imbricatus Say 24–317 N.J. D.C.Ga. Kan.Tex.Ariz.
47. wickhami Pierce 13–414 N.Mex.Colo.
48. lucanus Horn 94–441 L.Cal. [Ut.
49. texanus Csy. 88–235 Tex.
50. sulcatus Csy. 88–235 Colo.Ut. N.Mex. Tex. [Kan.

Epicærus Schön.
16651. lepidotus Pierce 10–360 Tex.
52. formidolosus Boh. 40–284 Ga.Fla.Ala.
53. benjamini Pierce 13–415 Tex.
54. mexicanus Boh. 34–324 Tex. Mex.

Stamoderes Csy. 88–236
(*Mimetes* || Schön. 47–23)
16655. setulosus (Lacord.) 63–40 Cal.
56. uniformis Csy. 88–237 Cal.

Omileus Horn 76–102
16657. epicæroides Horn 76–102 Tex.

Pantomorus Schön. 40–942
(*Aramigus* Horn 76–93)
(*Liparus* ‡ Say 24–318)

† Introduced.

Pantomorus Schön.

16658. tesselatus (Say) 24–318 — So.Ill.Fla.-N.Mex.
a. pallidus (Horn) 76–94 — Kan. Tex.
59. fulleri (Horn) 76–94 — †Mass.N.J.-Mont.Cal. So.Cal.
olindæ Perkins 00–130 — Hawaian Is.
(*Phacepholis* Horn 79–95)
60. elegans (Horn) 76–96 — Kan. Tex.Ariz.
61. viridis (Champ.) 11–336 — Tex.
62. uebraskeusis Pierce 13–418 — Neb.
63. metallicus Pierce 13–419 — Kan.

Pantomorus Schön.

16664. texanus Pierce 13–419 — Tex.
65. candidus Horn 76–97 — Colo.Kan.Ill.
66. pallidus Pierce 10–363 — Tex.
67. obscurus Horn 76–96 — Tex.Kan.Colo.

Lepidocricus Pierce 10–362

16668. herricki Pierce 10–362 — Ala.Miss.Kan. Neb.

Artipus Sahlb. 23–22

16669. floridanus Horn 76–92 — Fla.
70. texanus Pierce 11–49 — Tex.

BARYNOTINI

Barynotus Germ. 17–341

16671. schönherri Zett. 40–187 — Eur.&Nfld. N.S.Me.Mass.

Barypeithes Jacq. Duv. 55–13

16672. pellucidus (Boh.) 34–507 — †N.Eng.N.Y. O. France

TRIGONOSCUTINI

Trigonoscuta Mots. 52–79

16673. pilosa Mots. 52–79 — Cal. So.Cal.

CALYPTILLINI

Calyptillus Horn 76–27

16674. cryptops Horn 76–27 — N.Mex.

CELEUTHETINI

Agraphus Say 31–13
(*Peritelus* ‡ Say 31–13)

16675. bellicus (Say) 31–13
leucophœus Gyll. 34–641 — N.J.Pa.Fla.

Paragraphus Blatch. 16–109

16676. setosus Blatch. 16–110 — Fla.

BRACHYRHININI Bedel

(*Brachyrhininæ* Pierce 13–421) *Otiorhynchini* auct.

Brachyrhinus Latr. 02–200
(*Otiorhynchus* Germ. 24–343)

16677. sulcatus Fab. 98–155 — Pa.Mass.Vanc. Eur.Nfld.N.S. Can. N.Y.
78. ovatus (L.) 61–626 — Eur.Can.Nfld. N.Eng.Wy. N.Mex.
ligneus ‡ Horn 76–61 nec Oliv. — N.S. Ia.
79. rugifrons Gyll. 13–319 — Eur.N.S.M.St. Que.-Va.
80. singularis L. 67–1066 — Eur.Mass.Que.
81. nodosus O. Fab. 80–187 — Iceland, Eur.
maurus Gyll. 13–293 — Greenland
82. monticola Germ. 24–361 — Greenland
?alpinus Richter[1]
?arcticus O. Fabr. 80–188 — Laplaud

Brachyrhinus Latr.

— dubius Ström[1] — Greenland

Sciopithes Horn 76–62

16683. obscurus Horn 76–63 — Cal.Or.Vanc.
84. significans Csy. 88–255 — Cal.
85. brumalis Csy. 88–256 — Cal.
86. arcuatus Csy. 88–257 — Cal.
87. angustulus Csy. 88–257 — Cal.
88. setosus Csy. 88–258 — Cal. So.Cal.

Agronus Horn 76–63

16689. deciduus Horn 76–64 — Cal.
90. cinerarius Horn 76–64 — Cal.

Neoptochus Horn 76–64
(*Ptochus* ‡ Boh.)

16691. adspersus (Boh.) 34–486 — Fla.
tesselatus (Boh.) 34–487

TRACHYPHLŒINI

Cercopeus Schön. 43–154

16692. chrysorhœus (Say) 31–13 — Mass.-Ga.
93. artemisiæ Pierce 10–365 — Mont. [Minn.

Chætechus Horn 76–77

16694. setiger Horn 76–78 — Mass. N.S.

Panormus Csy. 88–269

16695. setosus Csy. 88–270 — Cal.

Trachyphlœus Germ. 17–339

16696. asperatus Boh. 44–116 — Mass.
97. davisi Blatch. 16–115 — Staten Is.

SIMOINI

Paraptochus Seidlitz 68–35

16698. sellatus (Boh.) 59–126 — Cal. So.Cal.
californicus Seidl. 68–35

Stenoptochus Csy. 88–259

16699. inconstans Csy. 88–260 — Cal. So.Cal.

[1] Names cited in faunal lists.
† Introduced.

Orthoptochus Csy. 88–261
16700. squamiger Csy. 88–261 Cal.

Omias Germ. 17–341
(*Mylacus* Schön. 43–144)
16701. saccatus (Lec.) 57–56 Cal. Or.

Thricolepis Horn 76–68
16702. inornata Horn 76–69 So.Cal.-Utah, Ariz.
03. simulator Horn 76–69 Cal. (So.Cal.?)
04. seminuda Horn 94–443 L.Cal.

Peritelopsis Horn 76–70
16705. globiventris (Lec.) 57–56 Cal.

Peritelodes Csy. 88–262
16706. obtectus Csy. 88–262 Cal.

Peritelinus Csy. 88–263
16707. variegatus Csy. 88–263 Cal.

Geoderces Horn 76–70
16708. melanothrix (Kby.) 37–202 Can. N.Y.
09. incomptus Horn 76–72 Cal. Vanc.
10. puncticollis Csy. 88–264 Cal. So.Cal.

Geodercodes Csy. 88–265
16711. latipennis Csy. 88–266 Cal.
12. hispidus Horn 94–442 L.Cal.

Aragnomus Horn 76–72
16713. griseus Horn 76–72 Cal.
14. hispidulus Csy. 88–266 So.Cal.

Dysticheus Horn 76–73
16715. insignis Horn 76–73 So Cal.

Eucyllus Horn 76–74
16716. vagans Horn 76–74 Ariz. So.Cal.

Thinoxenus Horn 76–74
16717. squalens Horn 76–75 Cal.
18. nevadensis Csy. 88–267 Nev.

Rhypodillus Ckll. 06–243
(*Rhypodes* || Horn 76–75)
16719. dilatatus Horn 76–75 So.Cal.
20. brevicollis Horn 76–76 Colo.

Aphrastus Say 31–9
16721. taeniatus Gyll. 34–460 M.&S.St.Mo.
22. unicolor Horn 76–99 Tex. [N.Eng.
23. griseus Blatch. 16–127 Ind. Ga.

EUSTYLINI

Brachystylus Schön. 45–433
16724. acutus (Say) 24–310 N.Y.Pa.Ga. Ky.Mo.

Achrastenus Horn 76–97
16725. griseus Horn 76–98 Tex.

PHYLLOBIINI

Phyllobius Germ. 24–447
16726. glaucus Scop. 63–31 †Can.-Eur.
calcaratus (Fab.) 98–485

UNIDENTIFIED GENUS

Leposoma Mots. 45–105
— californica Mots. 45–105 Cal.

CURCULIONINÆ

(*Curculionoidea* Hopkins 11–11) Pierce 16–463

SITONINI

Allard 64; Leconte 76; Casey 88; Wildermuth 10

Sitona Germ. 17–341
(*Sitones* ‡ auct.)
16727. flavescens Marsh. 02–311 Eur.Nfld.-Minn.Pa.Fla. Ia.O.Ind.Ill. Mich.N.Y. Can. N.S. Atl. St.
octopunctatus Fåhr. 40–267 Eur. Sib.
28. hispidulus (Fab.) 76–226 Can.Pa.N.J. Neb.D.C.Eur.
29. extrusus Csy. 88–282 L.Cal. [Sib.
30. varians Csy. 88–283 No.Cal.
31. sordidus Lec. 57–54 Cal. So.Cal.
a. margaritosus Csy. 88–284 Cal.
b. procerus Csy. 88–284 Cal.
c. occidentalis Csy. 88–285 Cal.
d. eximius Csy. 88–286 Nev.
e. montanus Csy. 88–287 Cal.
f. nebulosus Csy. 88–288 So.Cal.
g. alternans Csy. 88–288 Cal.

Sitona Germ.
h. osculans Csy. 88–290 No.Cal.
16732. prominens Csy. 88–291 So.Cal.
a. hispidiceps Csy. 88–292 Ariz.
b. angustulus Csy. 88–292 Cal.
c. explicitus Csy. 88–293 So.Cal.
d. apacheanus Csy. 88–294 Ariz.So.Cal.
33. sparsus Csy. 88–295 No.Cal.
34. californicus Fåhr. 40–267 Cal. Or.
35. vittatus Lec. 57–54 Cal.
36. indifferens Say 31–10 Mo.
37. lineellus Bonsd. 85–30 Kan.Tex.Eur.
a. scissifrons Say 31–10 [Sib. Alas.
38. tibialis Hbst. 95–217 Eur.Alas.Can. Dak.H.B.T. Nfld.-Vanc. N.Mex.Mich.
vittatus || Couper 65–63 [Colo.
39. crinitus Gyll. 34–124 Eur.Or.Cal. So.Cal. Sib.
seniculus Mann. 43–290
40. discoidea Gyll. 34–112 Eur. R.I.

In the arrangement of Sitona above I have been governed by studies of large series of eastern species in reducing to varietal rank some of the names assigned by Col. Casey to western forms.

† Introduced.

ALOPHINI

Trichalophus Lec. 76–118
16741. alternatus (Say) 31–10 Can. L.Sup.
42. didymus (Lec.) 54–20 Or.
43. constrictus (Lec.) 57–54 Alas. Wash.
alternatus ‡ Mann. 43–290
44. seriatus (Mann.) 53–245 Alas.
45. simplex Lec. 76–119 Man. H.B.T.
46. arcuatus Fall 07–264 N.Mex.
47. planirostris Lec. 76–413 Colo.

Triglyphulus Ckll. 06–243
(*Triglyphus* || Lec. 76–116)
16748. ater (Lec.) 76–117 Cal.

Plinthodes Lec. 76–117
16749. tæniatus (Lec.) 57–55 Or. Vanc.

Acmægenius Lec. 76–118
16750. hylobinus Lec. 76–118 Or.

Lophalophus Lec. 76–120
(*Liophlœus* ‡ Mann.)
16751. inquinatus (Mann.)52–351 Alas.

Lepidophorus Kby. 37–201
16752. setiger Ham. 95–347 Pa.Va.N.Y.
53. lineaticollis Kby. 37–201 Alas. N.Mex. Colo. Sib.

HYPERINI

Casey 95; Hamilton 96; Dietz 89; Titus 11

Hypera Germ. 17–340
16754. punctata (Fab.) 75–150 †Eur.N.E.U.S. Sib.
austriacus (Schr.) 81–123 B.C.-Cal.
pictus (Fourc.) 85–117 N.Y.Can.Pa. O.
linzensis (Gmel.) 90–1799 Ind. W.Va.
medius (Marsh.) 02–302
proximus (Carm.) 33–24
rufus (Boh.) 34–402
hostilis (Dej.) 37–287
opimus (Lec.) 76–124 Pa. Can.
fallaciosus (Desb.) 46–67

Phytonomus Schön. 26–175
16755. eximius Lec. 76–414 Ill.Kan.Man.-Tex.
56. quadricollis Lec. 76–126 Dak. Colo.
57. comptus Say 31–12 Mo. Can.-Tex.
diversus Dej. 33–263 [Or.
58. diversipunctatus (Schr.) 98–546 Greenland
elongatus || Payk. 92–45 Eur. Sib.
59. seriatus Mann. 53–107 Alas.
pubicollis ‡ Webs. 09–80
60. trivittatus Say 31–12 Ind.Man.Alb. B.C.
setigerus Lec. 76–125 Kan.Ill.Neb.
castor ‡ Kwiat 03–335 [N.Mex.
61. maritimus Titus 11–432 Mass.
rumicis ‡ collections.
62. castor Lec. 76–126 Can. Man.
63. pubicollis Lec. 76–125 Vanc.
64. meles (Fab.) 92–466 †Eur.Ct.N.Y.
griseus || (Mull.) 76–88 [N.J.
trifolii (Hbst.) 95–266
borealis (Payk.) 00–249
plantaginis (Marsh.) 02–267
stramineus (Marsh.) 02–267
picipes (Dej.) 21–89
murina ‡ (Steph.) 29–168
castor ‡ Smith 10–381
?polygoni Fab. 01–520 So.Ill.
65. nigrirostris (Fab.) 75–132 †N.B.-Va. Minn.
variabilis (Fab.) 81–67 Eur. Mass.
virescens (Quen.) 90–16 Mich. Can.
fulvipes (Turton) 01–215
stierlini Capiom. 68–223
viridis (Prov.) 77–518
hirtus Petri 01–165

Phytonomus Schön.
16766. posticus (Gyll.) 13–113 †Eur.Ut.Wy.
hæmorrhoidalis || (Hbst.) 84–78 [Ind.
variabilis || (Hbst.) 95–263
bimaculatus || (Marsh.) 02–266
pollux ‡ (Gyll.) 13–1
sublineata (Curtis) 26–10
villosula (Curtis) 26–21
picipes (Curtis) 26–3
phæopa (Steph.) 29–169
rufipes (Steph.) 29–169
parcus Gyll. 34–390
tibialis Hochh. 51–44
siculus Capiom. 68–207
sericeus Capiom. 68–207
ponticus Capiom. 68–208
murinus ‡ Titus olim

Lepyrus Germ. 17–340
16767. palustris Scop. 63–33 Lab.Mass. Wis.La.Eur.
geminatus Say 31–12 Ill.-Colo. [Sib.
colon L. 71–531 H.B.T.
canadensis Csy. 95–824 N.W.Can.
pinguis Csy. 95–825 Colo.
oregonus Csy. 95–826 Or.
perforatus Csy. 95–827 B.C.Wash. No.Cal.
4-notatus Boh. 42–295 Lab. Can.
68. alternans Csy. 95–823 Me. N.H.
69. capucinus Schall. 83–283 Eur.&Mich.
70. gemellus Kby. 37–198 Alas. H.B.T.
71. errans Csy. 95–823 N.Mex.

(*Listroderi*)

Listronotus Jek. 64–538
(*Listroderes* Schön. 26–158)
16772. obliquus Lec. 76–129 Tex.
73. sordidus (Gyll.) 34–280 Ont.Mass.-Ga.
?distinguendus (Gyll.) 34–281 [Tex.
74. tuberosus Lec. 76–130 Que.Mich.-Ga.
75. squamiger (Say) 31–11 Que.Ga.Ill.
76. callosus Lec. 76–130 Ont.N.Y.-Ga.
77. scapularis Csy. 95–828 Tex. [La.
78. inæqualipennis(Boh.)40–189 M.& S. St.
79. caudatus (Say) 23–311 W.St. Can.-
80. americanus Lec. 76–131 Ga. [Mo.
81. rotundicollis Lec. 76–132 Ga. La.
82. tessellatus Csy. 95–828 Colo.
83. appendiculatus (Boh.) 40–192 Can.-Tex.

† Introduced.

Listronotus Jek

16784. sulcirostris Lec. 76–132 Ga. Fla. D.C. O.
85. nebulosus Lec. 76–133 Mo.-N.J.Fla.
86. frontalis Lec. 76–133 Mich.N.Y.Ga.
87. floridensis Blatch. 16–160 Fla. [Tex.
88. palustris Blatch. 16–160 Fla.
89. oregonensis Lec. 57–55 Or.
90. latiusculus (Boh.) 40–199 Mich.Ga.Que.
91. bagoiformis Champ. 02–120 Mex. Utah
92. rudipennis Blatch. 16–162 Ind.Ill.Mo.
93. cribricollis Lec. 76–134 Ga.
94. impressifrons Lec. 76–134 Ga. La. Fla.
95. setosus Lec. 76–134 Fla. Ga. Tex.
96. debilis Blatch. 16–164 Ind.
97. punctiger Lec. 76–135 Dak.
98. teretirostris Lec. 57–55 Cal.
99. gracilis Lec. 76–135 Nev.
16800. nevadicus Lec. 76–135 Nev.

Hyperodes Jek. 64–566
(*Macrops* || Kby. 37–199)

16801. solutus (Boh.) 40–197 Can.-Kan.
02. deceptus Blatch. 16–167 Ind.
03. indistinctus (Dietz) 89–32 N.J.-Wy.
04. cryptops (Dietz) 89–32 Fla. Ga.
05. hypcrodes (Dietz) 89–33 Cal.
06. nevadensis (Dietz) 89–34 Nev.
07. grypidioides (Dietz) 89–35 Wy.Nev.Tex.
wickhami (Dietz) 89–36 N.Mex. [Ind.
08. laramiensis (Angell) 93–12 Wy.
09. interpunctatulus (Dietz) 89–36 Neb.-Tex. Mont.
10. ulkei (Dietz) 89–37 Wy. Dak.Tex.
11. dorsalis (Dietz) 89–37 Ill. La. Tex.

Hyperodes Jek.

16812. tenebrosus (Dietz) 89–38 Neb.Mont. Dak. Wy.
13. alternatus (Dietz) 89–38 Ill.
14. peninsularis Blatch. 16–169 Fla.
15. montanus (Dietz) 89–39 Ind.-Dak.
16. interstitialis (Dietz) 89–39 Or.
17. horni (Dietz) 89–40 Ga. Fla.
18. setiger (Dietz) 89–41 Fla.
19. delumbis (Gyll.) 34–203 Que.-Mont.-
20. subcribratus (Dietz) 89–42 Fla. [Fla.
21. sparsus (Say) 31–11 E.&W.St.
squalidus (Gyll.) 34–181 [Can.-Mo.
lineatulus (Say) 31–12
22. longulus (Dietz) 89–44 Dak. Wy.
23. rotundicollis (Dietz), 89–44 Tex.-N.Y.
24. obscurellus (Dietz) 89–45 Tex.D.C.N.Y. Mont.
25. imbellis (Dietz) 89–45 La. Wash.
26. schauppi (Angell) 93–12 Tex.
27. hirtellus (Dietz) 89–46 N.Mex. Ariz.
28. echinatus (Dietz) 89–46 Mass.-Ariz.
29. novellus Blatch. 16–174 Fla.
30. minimus Blatch. 16–175 Fla.
31. obtectus (Dietz) 89–47 Ariz.
32. myasellus (Dietz) 89–48 Colo.
33. mirabilis (Dietz) 89–49 Ill.
34. vitticollis (Kby.) 37–200 H.B.T.
vittaticollis ‡ (Dietz) 89–49 Wy. Neb. Ut.
35. humilis (Gyll.) 34–284 Nfld.-Mont. Miss.
a. maculicollis (Kby.) 37–200 Lat. 65° N.
36. californicus (Dietz) 89–50 Cal.Or.Wash.
37. anthracinus (Dietz) 89–51 Fla.
38. porcellus (Say) 31–11 M.&W.St.
— spurcus (Boh.) 40–196
— immundus (Boh.) 40–198

EMPHYASTINI

Emphyastes Mann. 52–354

16839. fucicola Mann. 52–354 Alas.-So.Cal.

PISSODINI

Hopkins 11

Pissodes Germ. 17–340

16840. similis Hopk. 11–44 N.C. N.H.Me.
41. utahensis Hopk. 11–45 Ut. B.C.
42. barberi Hopk. 11–45 No.Cal.Or. Wash.
43. sitchensis Hopk. 11–47 Or. Wash.
44. engelmanni Hopk. 11–47 Id.Mont.Colo.
45. strobi (Peck) 17–2 N.B. N.C.Wis.
46. approximatus Hopk. 11–49 Me.N.C.Wis.
47. schwarzi Hopk. 11–50 Colo. Alb.
costatus ‡ Hopk. 06–254 (pars) [Wash.
48. canadensis Hopk. 11–51 Man.
49. nemorensis Germ. 24–318 Md.Fla.Tex.
strobi ‡ Say 31–14 (pars)
50. deodaræ Hopk. 11–52 Ga.
51. californicus Hopk. 11–53 Cal.
52. yosemite Hopk. 11–53 Cal. Wash.
costatus ‡ Hopk. 06–254 (pars)
53. webbi Hopk. 11–54 Ariz. N.Mex.
?strobi ‡ Champ. 02–119

Pissodes Germ.

16854. radiatæ Hopk. 11–55 Cal. Wash.
55. fasciatus Lec. 76–142 Or.Wash.B.C.
56. costatus Mann. 52–354 Alas. Wash.
57. fiskei Hopk. 11–59 N.H.
?strobi ‡ Pack. 90–829
58. nigræ Hopk. 11–59 N.H.
59. puncticollis Hopk. 11–60 W.Va.
60. murrayanæ Hopk. 11–60 Or.
61. coloradensis Hopk. 11–60 Colo. Dak.
62. alascensis Hopk. 11–61 Alas.
63. rotundatus Lec. 76–142 Mich.
64. burkei Hopk. 11–62 Colo. Utah
65. piperi Hopk. 11–62 Id.Wash.B.C.
66. dubius Rand. 38–24 Me.N.H.
67. fraseri Hopk. 11–63 N.C. [Mich.
68. affinis Rand. 38–24 N.H.Pa.Wis.
69. curriei Hopk. 11–65 B.C.

HYLOBIINI

Paraplinthus Faust 92–49

16870. shermani Fiske 06–31 N.C.

Paraplinthus Faust

16871. carinatus Boh. 40–334 Or.-Alas.
71½. scrobiculatus (Mann.) 43–292 ♀ Alas.

Pachylobius Lec. 76–139
16872. picivorus (Germ.) 24–311 Lab.-Fla.-Ark.
stupidus (Boh.) 34–339

Hylobius Germ. 17–340
16873. pales Boh. 34–340 N.S.-Fla.-
macellus (Germ.) 24–319 [L.Sup.
?assimilis Boh. 34–345
74. confusus Kby. 37–196 Lab.N.S.-Alas.
N.Y.Mass.
Can. Mich.

Cholus Germ. 24–212
16875. cattleyæ Champ. 16–201 †S.Am.Wis.
cattleyarum Barber 16–178 [D.C.N.J.
76. forbesi Pasc. 76–30 †S.Am.N.J.

Heilipus Germ. 24–399
16877. squamosus (Lec.) 51–171
?apiatus (Oliv.) 07–171 Ga.Fla.
78. lauri Boh. 45–443 †C.Am.Cal.
Mo. D.C.

Hypomolyx Lec. 76–139
16879. piceus (DeG.) 75–221 Eur.& Nfld.-
N.H.Mich.
Sib.
pineti Fab. 87–399 H.B.T.Lab.
pinicola Couper 64–85 Que. [L.Sup.

Eudociminus Leng 18–210
(*Eudocimus* || Schön. 36–240
16880. mannerheimi Boh. 36–241 N.Y. Ga. La.

ERIRHININI

Derelomi (= *Derelomini* + *Eugnomi* Lec.) Fall 13

Derelomus Schön. 26–235
(*Notolomus* Lec. 76–222)
16881. bicolor Lec. 76–222 Fla.
myricæ Lec. 76–418 Fla.
82. basalis Lec. 76–222 Fla. Ga.

Eucleptus Dietz 91–271
(*Eulyptus* ‡ err. typ.)
16883. testaceus Dietz 91–272 N.Y.
84. derivatus Fall 13–44 N.Mex.
85. rutilus Fall 13–43 Cal. Ariz.
86. sejunctus Fall 13–45 Colo.
87. equisectus Fall 13–44 N.Mex.
88. ferrugineus (Lec.) 76–174 N.J.Fla.Ia.

Phyllotrox Schön. 43–189
16889. nubifer Lec. 76–174 So.Cal.-Colo.
90. quadricollis Fall 07–265 N.Mex.

Erirhini

Dorytomus Germ. 17–340
(*Alycodes* Dietz 91–263)
16891. inæqualis Csy. 92–364 So.Cal.Ariz.
92. brevisetosus Csy. 92–365 Ariz.
93. mucidus (Say) 31–14 Can.Ind.Neb.
94. laticollis Lec. 76–164 Mich.Ia. [Ga.
N.Eng.
95. frosti Blatch. 16–195 Mass.
96. amplus Csy. 92–367 Colo.
97. parvicollis Csy. 92–367 Ind.-N.H.
98. hystricula Csy. 92–368 Cal. So.Cal.
99. hispidus Lec. 67–167 N.Mex.
16900. hirtus Lec. 76–166 So.Cal.
01. filiolus Csy. 92–370 Colo.
02. mannerheimi(Gemm.)72–122
Alas.
vestitus || (Mann.) 53–242
03. nubeculinus Csy. 92–371 Colo.
04. luridus (Mann.) 53–241 Alas. So.Cal.
05. rufulus (Mann.) 53–240 Alas.
06. cuneatulus Csy. 92–374 No.Cal.
07. alaskanus Csy. 92–374 Alas.
08. marginatus Csy. 92–375 Cal.

Dorytomus Germ.
16909. indifferens Csy. 92–375 Nfld. N.Y.-
10. vagenotatus Csy. 92–376 Ind. [Kan.
11. subsimilis Blatch. 16–197 Ind.Ill.Mass.
12. rufus (Say) 31–25 (So.Cal.?)
Kan.
Mo. Miss.
13. fusciceps Csy. 92–377 Ia.Mich.N.Y.
14. brevicollis Lec. 76–165 N.Y.L.Sup.
Minn.B.C.
dubius (Dietz) 91–263 Can.
15. subsignatus (Mann.) 53–241
Alas.
16. longulus Lec. 76–166 Alas. Ont.
17. squamosus Lec. 76–166 Ky.Ill.Kan.
tessellatus || Walsh 66–267 [Ariz.
angustatus (Dietz) 91–265 Ariz. Ky.
18. marmoreus Csy. 92–381 N.Mex.

Grypidius Schön. 26–231
(*Grypus* Germ. 17–340)
16919. equiseti (Fab.) 98–403 Eur.Sib.Can.
Me.N.Y.Ia.
Wy.L.Sup.
Kan.Wash.
Mich.
20. brunnirostris (Fab.) 01–445
Eur.& Or.
Colo. Wy.

Notaris Germ. 17–340
(*Erycus* Tourn. 74–92)
16921. aethiops (Fab.) 92–405 Lab.Eur.Sib.
Alas.-L.Sup.
Vanc.
morio (Mann.) 53–240 N.H.Wy.Colo.
22. punctipollis (Lec.) 76–163 Nfld.N.Y.-
Wis.
23. wyomingensis Chitt. 06–115
Wy. Colo.

Procas Steph. 31–90
16924. lecontei Bedel 79–18 L.Sup. Ont.
picipes ‡ Lec. 76–162

Smicronychi (= *Desmori*) Dietz 94

Pachyphanes Dietz 94–115
(*Pachytychius* ‡ Lec. nec Jek.
(*Barytychius* Jek. ‡ 61–272

Pachyphanes Dietz.
*
16925. discoideus (Lec.) 76–169 N.J.N.Y.Ill.
Tex.

† Introduced (Cholus in Orchid houses).

Pachyphanes Dietz

16926. carus Dietz 94–117 Cal.
27. corpulentus (Lec.) 76–170 Miss.Tex.La.
centralis Dietz 94–118 Tex. [Ark.
28. lateralis Dietz 94–118 Tex.
**
29. lineolatus Csy. 92–385 Tex. Ill. Mo.
30. triangularis Dietz 94–120 Tex.
31. amœnus (Say) 31–26 N.Y.D.C.-Dak. Tex.

Desmoris Lec. 76–167

16932. scapalis Lec. 76–168 Colo.Kan.Tex. (N.H.?)
compar Dietz 94–123 ♀ Ill.
33. obesus Dietz 94–124 Neb.
34. montanus Dietz 94–124 Mont.
35. pervisus Dietz 94–125 Dak.Wis.Ill.
incertus Dietz 94–125 Kan.Dak.Cal.
36. floridanus Dietz 94–126 Fla.
37. constrictus (Say) 23–313 Kan.Ariz. So.Cal.(N.J.?)
38. sordidus (Lec.) 76–173 Tex.-Cal.Ill.
39. humilis Dietz 94–127 Kan. [Ariz.
40. fulvus (Lec.) 76–172 Mo.Ut.Cal.
41. flavicans (Lec.) 76–171 Tex. Ariz.
42. fiducialis (Csy.) 92–399 Ia.

Smicronyx Schön. 43–313
*
16943. gibbirostris Csy. 92–407 Del. D.C.
44. squalidus Csy. 92–407 D.C.-Ind.
setulosus Dietz 94–132 Tex. Ill.
45. cinerascens Dietz 94–132 Tex.
46. morio Dietz 94–133 Pa. Dak.
47. tesselatus Dietz 94–134 Tex.D.C.Ind.
48. ovipennis Lec. 76–170 O.Mont.Tex.
49. impressirostris Dietz 94–135 So.Ill.Ind.
**
50. profusus Csy. 92–389 Ariz.
51. intricatus Csy. 92–390 Tex.Ariz.
52. mucidus Dietz 94–138 Wash.N.Mex.
53. perplexus Dietz 94–138 Cal.
54. tardus Dietz 94–139 Cal.
55. picipes Dietz 94–140 Va.
56. rhodopus Dietz 94–140 Tex.
57. pusillus Dietz 94–141 So.Cal.
58. resplendens Dietz 94–142 Cal.
59. pusio Lec. 76–171 Cal.
***
60. cognatus Dietz 94–144 Nev.
61. defricans Csy. 92–406 Cal. So.Cal.
62. spretus Dietz 94–145 Ariz.
63. cinereus Mots. 45–376 So.Cal.Vanc.
64. scalator Dietz 94–147 Cal.
65. lepidus Dietz 94–147 Ariz.
66. quadrifer Csy. 92–388 Ariz.Ala.Tex.
a. texana Blatch. 16–12 Tex.
67. instabilis Csy. 92–403 Cal. So.Cal.
68. nubilus Dietz 94–149 Cal. So.Cal.
69. posticus Dietz 94–150 Md.

Smicronyx Schön.
16970. seriatus Lec. 76–172 Cal.
71. fraterculus Dietz 94–151 Ariz.
72. connivens Csy. 92–398 Mass.-Mo.
languidulus Dietz 94–152 Md. D.C.
73. tychioides Lec. 76–171 Kan.N.Y. D.C. Tex.
74. atratus Dietz 94–153 Tex. D.C.
75. congestus Csy. 92–401 Colo.Ill.D.C. Mass.
76. sculpticollis Csy. 92–403 L.I.D.C.Ia.
77. sagittatus Csy. 92–402 R.I. [Tex.
78. apionides Csy. 92–405 Md.N.C.Tex.

(*Pseudromicronyx* Dietz 94–130)
*
79. nebulosus Dietz 94–157 N.J.D.C.Ind.
80. ornatipennis Dietz 94–158 Cal. Tex.
81. fallax Dietz 94–158 Tex. Kan.
82. caseyi Blatch. 16–10 Kan.-Mont.
vestitus ‡ Csy. Dietz nec Lec. [(Ind.?)
83. vestitus Lec. 76–172 Kan.
84. commixtus Dietz 94–160 Mont.
**
85. perfidus Dietz 94–161 Ia.
86. maculatus Dietz 94–162 Ind.Pa.Dak.
87. perpusillus Csy. 92–405 Fla. [D.C.
88. interruptus Blatch.16–220 Ind.
89. squamulatus Lec. 76–173 Mich.N.J.
columbianus Dietz 94–162 D.C. [Mass.
90. californicus Dietz 94–163 So.Cal.Ariz.
91. corniculatus Fåhr. 43–319 E.St.Wis.Kan. Que.-D.C.
lanuginosus Dietz 94–165 D.C. Pa.
92. spurcus Csy. 92–393 Ariz.
93. abnormis Dietz 94–166 N.Mex.
94. vitiosus Dietz 94–167 Ariz.
95. rufulus Dietz 94–167 N.Mex.Ariz.
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96. obtectus Lec. 76–171 Cal. So.Cal.
97. parcus Dietz 94–169 Nev.
98. albosquamosus Dietz 94–169 Ariz.
99. lutulentus Dietz 94–170 Tex.
*****
17000. pinguis Blatch. 16–215 Ind.
01. griseus Lec. 76–171 Neb.Dak. N.J.
02. rusticus Dietz 94–171 Mont. [N.C.
03. sparsus Csy. 92–394 Colo.D.C.
04. pleuralis Csy. 92–395 Ariz.

Synertha Dietz 94–172

17005. imbricata (Csy.) 92–409 So.Cal. Ariz.
silacea Csy. 92–392 Ariz.
06. horni Dietz 94–173 Ariz.
07. wickhami Dietz 94–174 Ariz.

Promecotarsus Csy. 92–408

17008. maritimus Csy. 92–409 So.Cal.
09. densus Csy. 92–410 Neb. Kan.
10. fumatus Csy. 92–410 Mont.Dak.

HYDRONOMI

Stenopelmus Schön. 36–469
(*Monius* Schön. 45–501)

17011. rufinasus Gyll. 35–409 Fla. Ind. So.Cal.

Brachybamus Germ. 36–330

17012. electus Germ. 36–330 Mass.-D.C. Fla. Ind.
?incertus Boh. 43–186 Boston, Mass.

Endalus Lap. 40–339
17013. setosus Lec. 76–176 Tex. Kan.
14. limatulus (Gyll.) 36–319 So.Cal. N.Y.-D.C.-Colo.
15. robustus Schffr. 08–217 Tex. [Ariz.
16. aeratus Lec. 76–176 Tex.
17. cribricollis Lec. 76–177 Ga. D.C.
18. punctatus Lec. 76–177 Tex. Fla.
19. ovalis Lec. 76–177 Can. N.Y.-
20. laticollis Blatch. 16–225 Fla. [So.Cal.

Tanysphyrus Germ. 17–340
17021. lemnæ (Fab.) 94–412 Can.-Fla. Ind. Eur. Japan

Onychylis Lec. 76–178
17022. nigrirostris (Boh.) 43–184 Can. Fla. Tex.
23. longulus Lec. 76–179 Mich. Mass.
24. alternans Lec. 76–179 Tex.

Anchodemus Lec. 76–181
17025. angustus Lec. 76–181 Can.-Fla.
26. hubbardi Lec. 76–181 Mich. Mass.
27. schwarzi Lec. 76–182 Mich.

Lixellus Lec. 76–182
17028. filiformis Lec. 76–182 Can. Or. Colo. [Nev.

Lissorhoptrus Lec. 76–183
17029. simplex (Say) 31–29 Can.-Fla. Tex.
?apiculatus (Gyll.) 36–320 Mo. N.J. Tex.
egenus (Gyll.) 36–549

Bagous Germ. 17–340
*
17030. magister Lec. 76–187 Can.N.J.Tex.

Bagous Germ.
17031. cavifrons Lec. 76–186 Fla.(N.J.?)
32. maculatus Blatch. 16–232 Fla.
33. lunatus Blatch. 16–232 Fla.
34. atratus Blatch. 16–233 Ind. Fla.
35. puritanus Blatch. 16–233 Mass.
36. restrictus Lec. 76–187 Tex.Ia.O.N.Y.
**
37. americanus Lec. 76–185 Que.Fla.Mich.
38. blanchardi Blatch.16–235 Mass.
39. mammillatus Say 31–28 Fla.Que.D.C.
40. pusillus Lec. 76–187 Fla. [Mo.
41. sellatus Lec. 76–184 Ga. Va. O.
42. planatus Lec. 76–185 L.Sup.N.Y.
43. obliquus Lec. 76–185 Que.Fla.Ia.
44. nebulosus Lec. 76–186 Mich.Mass.
45. californicus Lec. 76–187 So.Cal.
46. transversus Lec. 76–188 Mich.D.C.
47. ochraceus Blatch. 16–237 Ind.
48. bituberosus Lec. 76–188 Fla.D.C.Mich. Ia.
49. pauxillus Blatch. 16–238 Conn. Mass.
— binodulus Hbst. 95–247 Eur.(N.Am.?)

Pnigodes Lec. 76–188
17050. setosus Lec. 76–189 Tex.

Phycocœtes Lec. 76–189
17051. testaceus Lec. 76–189 So.Cal.

Schizomicrus Csy. 05–164
(*Schizonotus* || Csy. 92–708)
17052. cæcus Csy. 92–709 Cal.

TRACHODINI

Trachodes Germ. 24–325
17053. ptinoides Germ. 24–327 Alas. Vanc.
54. quadrituberculatus Mann. 52–355 Alas.

Aparapion Hampe 61–63
17055. horridus Mann. 52–354 Alas. Vanc.

TYCHIINI

Leconte 76; Casey 92–10

Proctorus Lec. 76–212
(*Encalus* Lec. 76–213)
17056. armatus Lec. 76–212 Mich.
57. decipiens (Lec.) 76–213 Que.-Colo.

Thysanocnemis Lec. 76–214
17058. fraxini Lec. 76–214 Pa.Can.D.C.
horridula Csy. 92–426 Ind. [Ill.
59. punctata Csy. 10–129 Ia.
60. bischoffi Blatch. 16–241 Ind.Ill.N.J.
61. balaninoides Schffr. 08–217 N.J.Ind.Tex.
62. ocularis Csy. 10–129 Neb. Ind.
63. helvola Lec. 76–214 Ont.D.C.Ill.
64. squamiger Csy. 92–426 Ariz.
65. brevis Csy. 10–129 Neb.
*
66. graphica Csy. 92–425 Ariz.

Loceptes Csy. 10–130
17067. recessus Csy. 10–130 Okla.

Plocetes Lec. 76–213
17068. ulmi Lec. 76–213 N.Y.Fla.Mich.

Chionanthobius Pierce 12–168
17069. schwarzi Pierce 12–168 Md.-Fla.

Tylopterus Lec. 76–215
17070. pallidus Lec. 76–215 Tex.Mo.Ind.
71. varius Lec. 76–215 Tex.

Tychius Germ. 17–340
(*Miccotrogus* ‡ auct.nec Schön.)
17072. lineellus Lec. 76–217 Cal. So.Cal.
a. tacitus Csy. 10–132 Cal.
b. hesperis Csy. 10–133 No.Cal.
c. radians Csy. 10–133 So.Cal.
d. dilectus Csy. 10–133 Cal.
e. probus Csy. 10–134 Cal.
73. sordidus Lec. 76–217 Ia.Ill.La.Tex.
a. carolinæ Csy. 10–134 N.C.
b. nimius Csy. 10–134 Ia.
c. texanus Csy. 10–134 Tex.
74. picirostris(Fab.) 87–101 †Eur.Me.N.H.
griseus Schffr. 08–217 N.Y. [Mass.
75. tectus Lec. 76–217 Kan.Colo.
a. languidus Csy. 10–135 Colo. [Mont.
76. arator Gyll. 34–414 Tex.Ill.Mo.
77. liljebladi Blatch. 16–246 Ind.
*
78. soltani Csy. 92–416 Wy.

† Introduced.

Tychius Germ.

17079. hirtellus Lec. 76–218 Tex.
80. aratus (Say) 31–26 Mont.
81. semisquamosus Lec. 76–217 Cal.
82. lamellosus Csy. 92–418 Utah
(*Paratychius* Csy. 10–135)
83. prolixus Csy. 92–419 Nev. So.Cal.
a. imbricatus Csy. 10–135 So.Cal.
(*Microtychius* Csy. 10–136
84. variegatus Csy. 92–420 Ariz. Tex.
85. sulcatulus Csy. 97–664 Tex.
86. dulcis Csy. 10–140 Utah
87. albidus Schffr. 08–219 So.Cal.
88. simplex Csy. 92–421 Tex. Ariz.
a. imbellis Csy. 10–140 Ariz.
b. porcatus Csy. 10–141 Ariz.
c. curtipennis Csy. 10–141 Tex.
89. sibinioides Csy. 92–421 Ariz.
90. mica Csy. 92–422 Ariz.
91. setosus Lec. 76–218 So.Cal.Ariz.
a. erraticus Csy. 10–136 Tex.

Tychius Germ

b. puellus Csy. 10–137 Tex.
c. atomus Csy. 10–137 So.Cal.
d. echinus Csy. 10–138 Ariz.
e. hystrix Csy. 10–138 Ariz.
f. vernilis Csy. 10–138 Ariz.
g. fatuus Csy. 10–139 Ariz.
h. fraterculus Csy. 10–139 Ariz.
17092. subfasciatus Csy. 92–423 Tex.
93. hispidus Csy. 92–424 Ariz.
94. transversus Csy. 97–665 Ariz.
95. inermis Csy. 97–664 Tex.
(*Sibinia* Germ. 17–340)
(*Sibynes* Schön. 26–245)
96. suturalis Schffr. 08–218 Ariz. Tex.
97. ochreosus Csy. 97–666 Tex.
98. pallidus Schffr. 08–218 Tex.
99. fulvus Lec. 76–219 L.Cal.So.Cal. Ariz.

Paragoges Lec. 76–219

17100. maculatus Lec. 76–219 So.Cal.
01. minimus Blatch. 16–247 Fla.

OTIDOCEPHALINI

Horn 73; Cascy 92; Schaeffer 07

Erodiscus Schön. 26–237

17102. tinamus Lec. 84–30 Fla.

Otidocephalus Chev. 32–98

17103. vittatus Horn 73–448 So.Cal.
04. nivosus Csy. 92–429 Ariz. Tex.
05. insignis Csy. 92–430 Tex.
06. ulkei Horn 73–449 L.Cal.
07. sparsus Horn 95–254 L.Cal.
08. uniformis Champ. 03–235 Mex.&U.S.?
09. estriatus Csy. 92–430 N.Mex.
10. alternatus Horn 95–253 L.Cal.
11. carinicollis Horn 95–254 Tex.
12. dichrous Lec. 76–191 Ga. Fla.
13. basalis Schffr. 07–75 Ariz.
14. subglaber Schffr. 07–76 Ariz.
15. arizonicus Schffr. 07–76 Ariz.
16. egregius Csy. 92–431 Ariz.
17. floridanus Csy. 92–433 Fla.

Otidocephalus Chev.

17118. myrmex (Hbst.) 97–56 Que.Ga.Ia.
myrmecodes Say 31–15
americanus Chev. 32–105
19. ruficornis Csy. 92–435 Ariz.
20. texanus Schffr. 07–77 Tex.
21. chevrolati Horn 73–450 Que.R.I.-Ia.
myrmecodes || Chev. 32–445 [Ga. Tex.
22. coræ Champ. 03–262 Mex.Ariz. [Miss.
23. scrobicollis Boh. 43–205 N.Y.-Tex.
24. rhois Fall 07–266 N.Mex.
25. laevicollis Horn 73–451 Mass.-Tex.
26. speculator Csy. 92–434 Tex.
27. cavirostris Csy. 92–437 Fla.
?poeyi Chev. 32–107 Cuba, Fla.

Oopterinus Csy. 92–438

17128. perforatus (Horn) 73–451 Md. Ga. Ia.

MAGDALINI

Horn 73; Fall 13

Magdalis Germ. 17–340

17129. barbicornis (Latr.) 04–103 †Eur.Mass. N.Y.
30. cuneiformis Horn 73–453 Neb.-So.Cal. Wash.
31. morio Fall 13–26 Ariz. N.Mex.
32. hispoides Lec. 76–418 Nfld.-D.C. B.C. N.Mex.
33. perforata Horn 73–453 Fla.Ga.-N.H. Can.
34. lecontei Horn 73–454 Kan. Or.
a. superba Fall 13–28 Ariz. [So.Cal.
b. tenebrosa Fall 13–28 N.Mex.Colo. Cal.
c. tinctipennis Fall 13–28 N.Mex.Ariz.
35. convexicollis Fall 13–28 So.Cal.
36. austera Fall 13–29 Ont.-N.C.
a. substriga Fall 13–29 Me.Mass.N.Y.

Magdalis Germ.

17137. vitiosa Fall 13–30 Cal.
38. gentilis Lec. 76–418 Cal.(Me. N.H.?Nfld.?)
39. proxima Fall 13–31 Cal.
40. striata Fall 13–31 So.Cal.
41. alutacea Lec. 78–463 Me.N.H.Vanc.
42. imbellis Lec. 57–57 Or. [N.Mex.
*
43. gracilis Lec. 57–57 Cal. Nev.
44.ænescens Lec. 76–192 Alas.-No.Cal.
45. subtincta Lec. 76–417 Vanc. Cal. Colo.
46. olyra (Hbst.) 97–6 Can.N.C.Mo.
brunnipes Gyll. 34–270
47. pandura Say 31–7 Can.Ga.Mo.
48. inconspicua Horn 73–456 Can.Pa.Tex.
49. salicis Horn 73–455 Me.Mass. Ind.

† Introduced.

Magdalis Germ.

17150. barbita Say 31–6 Can.Ga.Tex.
51. armicollis Say 23–312 Can.Ga.Tex.
a. pallida Say 31–7 Ind.-N.Y.

Trichomagdalis Fall 13–37

17152. fasciatus Fall 13–37 Cal.
53. conspersus Fall 13–38 Cal.
54. atratus Fall 13–38 Cal.

BALANINI

Horn 73; Blanchard 84; Casey 97, 10; Chittenden 08; Leng 16

Balaninus Germ. 17–291

A.

17155. proboscideus (Fab.) 75–142 Mass. N.C.
sayi Gyll. 36–375 [Kan.
caryatrypes Boh. 43–276
a. hariolus Csy. 10–114 Ind.(?)
b. cylindricollis Csy. 10–114 Tenn.
56. caryæ Horn 73–460 N.Y.-Fla.Ia.
57. rectus Say 31–16 ♀ Mass.-Fla.-
quercus Horn 73–458 ♂ [Colo.
rectirostris Gyll. 36–376
?orthorynchus Chitt. 08–26 W.Va.
cuneatus Csy. 10–115 W.Va.
sparsellus Csy. 10–116 N.J.
58. algonquinus Csy. 10–118 Can. N.C.
rectus ‡ auct. nec Say Tenn.
setosicornis Csy. 10–118 W.Va.
macilentus Csy. 10–118 W.Va.
perexilis Csy. 10–118 N.J.

B.

59. nasicus Say 31–16 Pa.Can.-Fla.-
Colo.
60. pardalis Chitt. 08–25 R.I.N.C.-Ark.
?virginicus Csy. 10–123 W.Va.
61. confusor Ham. 93–309 Mass.N.C.Ill.
a. iowensis Csy. 10–122 Ia.
62. baculi Chitt. 08–20 N.Y.Ala.-Neb.
uniformis ‡ auct. nec Lec.
63. humeralis Csy. 97–657 Fla. Ga.
?curtus Chitt. 08–21 Fla. Tex.
parvidens Chitt. 08–22 Miss.Fla.Ala.
Tex.

Balaninus Germ.

17164. obtusus Blanch. 84–107 N.H.Neb.Tex.
?rostratus Gyll. 36–374
?nasutus || Say 31–16
65. caseyi Chitt. 08–26 N.Mex.
brevirostris || Csy. 97–662
66. monticola Csy. 97–663 Colo.
67. uniformis Lec. 57–57 Cal. So.Cal.
occidentis Csy. 97–658 Cal.
68. nanulus Csy. 97–658 N.Mex.
69. undulatus Csy. 97–659 Ariz.
70. strictus Csy. 97–660 N.Mex.
71. utensis Csy. 10–26 Utah
72. tubulatus Csy. 10–126 Utah
73. longipes Csy. 97–661 Colo.
74. sulcatulus Csy. 97–661 N.Mex.
75. q-griseæ Chitt. 08–22 Ariz.
76. victoriensis Chitt. 08–23 Tex.
77. auriger Csy. 10–117 Ariz.
a. mollis Csy. 10–118 Ariz.
78. strigosus Csy. 10–118 Ariz.
79. acuminatus Csy. 10–119 Ariz.? Colo.?
80. timidus Csy. 10–121 Tex.
— proprius Csy. 10–121 ♀ Ind.?
— auctus Csy. 10–124 ♂ N.Y.
— ordinatus Csy. 10–124 ♂ Tenn.
— appalachius Csy. 10–125 ♂ W.Va.
— parvicollis Csy. 10–125 ♂ N.J.
— ?porrectus Boh. 43–292 N.Am.
— sparsus Gyll. 36–379 N.Am.

ANTHONOMINI

Dietz 91; Fall 13; Blatchley & Leng 16

Magdalinops Dietz 91–183

17181. vittipennis Dietz 91–184 Cal.

Macrorhoptus Lec. 76–208

17182. estriatus Lec. 76–209 Ill.Tex.So.Cal.
83. sphæralciæ Pierce 08–173 Tex.
84. hispidus Dietz 91–185 Ariz.So.Cal.

Smicraulax Pierce 08–173

17185. tuberculatus Pierce 08–174 Tex.

Tachypterellus Fall & Ckll. 07–244
(*Tachypterus* || Dietz 91–186)

17186. quadrigibbus (Say) 31–15 Can.-Tex.Cal.
87. consors Dietz 91–187 Or.

Cionistes Dietz 91–187

17188. insolens Dietz 91–188 Cal. So.Cal.

Anthonomus Germ. 17–340
(*Coccotorus* Lec. 76–193)

17189. scutellaris Lec. 58–79 Mass.Ga.Tex.
prunicida Walsh 63–372
90. hirsutus Bruner 88–126 Neb.

Anthonomus Germ.
(*Anthonomocyllus* Dietz 91–191)

17191. elegans Lec. 76–202 Fla.
92. xanthoxyli Linell 97–49 Tex.
93. leucostictus Dietz 91–193 Tex.
94. pusillus Lec. 76–202 Tex.Mass.Fla.
hamiltoni Dietz 91–193 Fla.
95. atomarius Blatch. 16–290 N.J.

(*Anthonomorphus* Dietz 91–194)

96. fulvus Lec. 58–79 Kan.Okla.Tex.
97. peninsularis Dietz 91–195 L.Cal.So.Cal.
98. pervilis Dietz 91–196 L.Cal.

(*Trichobaropsis* Dietz 91–196)

99. texanus Dietz 91–197 Tex.

(*Leptarthrus* Dietz 91–197)

17200. julichi Dietz 91–198 Fla.
01. costulatus Suffr. 71–137 Fla.
irroratus Dietz 91–198

(*Paranthonomus* Dietz 91–199)

02. profundus Lec. 76–198 Que.Md.Ill.
vulpinus Dietz 91–201 Pa.
03. rubidus Lec. 76–199 Ont.-D.C.

Anthonomus Germ.
(*Anthonomus* s. str.)
*
17204. nebulosus Lec. 76–197 N.Y.-Mo.
05. tridens Fall 09–167 L.Cal.
06. pomorum L. 58–381 †Eur.(Ohio?)
**
07. grandis Boh. 43–232 Mex. Tex.
a. thurberiæ Pierce 13–90 Ariz. [Tenn.
08. gularis Lec. 76–197 Md.-Mich.
09. virgo Dietz 91–206 Va.
10. rufipennis Lec. 76–200 Pa.Fla.Tex.
***
11. rubellus Dietz 91–208 L.Sup.
12. hæmatopus Boh. 43–222 Can.D.C.Cal.
sycophanta Walsh 67–265 So.Cal.
a. bolteri Dietz 91–208 N.Mex.
b. confusus Dietz 91–209 Mont. So.Cal.
13. suturalis Lec. 24–171 Can. E.W.St.
erythropterus Say 31–25
14. flavicornis Boh. 43–231 Can.Fla.Tex.
15. hicoriæ Pierce 08–175 Tex.
16. morulus Lec. 76–201 Cal.
17. corvulus Lec. 76–201 N.S.Fla.Ariz.
18. subguttatus Dietz 91–213 N.J.W.Va.Fla.
****
19. signatus Say 31–25 Can.Fla.Tex.
bisignatus Gyll. 36–344 [Wis.
20. pallidus Dietz 91–215 Md.Fla.La.
21. consimilis Dietz 91–216 D.C.Ind.Wis.
22. likensis Blatch. 16–301 N.J. Va. Ind.
23. vespertinus Dietz 91–216 Ill.Tex.Fla.Ga.
24. musculus Say 31–15 Ont.Fla.Colo.
sulcifrons Lec. 76–201 Pa.Fla.-Mo.
25. obtrusus Fall 13–49 Tex.
26. concinnus Dietz 91–217 Fla.
27. miæphonus Pierce 12–167 N.C.
28. simiolus Blatch. 16–304 Mass.
29. sexguttatus Dietz 91–219 Fla.
30. uniformis Blatch. 16–303 Fla.
31. interstitialis Dietz 91–219 L.Sup.D.C.
*****
32. unicus Blatch. 16–305 Fla.
33. ebeninus Deitz 91–221 L.Cal.
34. basidens Fall 13–50 L.Cal.
35. apertus Fall 01–262 So.Cal.
36. nigrinus Boh. 43–230 N.Y.N.C.La.
37. dentoni Angell 93–13 Nev.
38. albopilosus Dietz 91–222 So.Cal.N.Mex. Tex.
39. xanthocnemus Dietz 91–223 Can. Tex.
40. æneolus Dietz 91–223 So.Cal.Tex.
41. solani Fall 13–49 So.Cal.
42. faber Dietz 91–224 Tex.
43. effetus Dietz 91–224 Cal. Or.
44. varipes[1] Duval 57–200 Cuba, So.Fla.
45. scutellatus Gyll. 36–342 Can.Mich.Tex.
******
46. dissimilis Dietz 91–226 Va.
47. orchestoides Dietz 91–226 Md.D.C.Mo.
48. juniperinus (Sanborn) 68–81 Mass.-Fla.
****
49. obesulus Fall 13–51 Nev.
50. ater Lec. 76–198 So.Cal. Or.

Anthonomus Germ.
17251. squamosus Lec. 76–202 Neb. Cal.
52. testaceosquamosus Linell 97–50 Tex.
53. tectus Lec. 76–203 Mass.Ga.Ariz.
54. appositus Fall 13–52 Ariz.
55. heterothecæ Pierce 08–177 Tex.
56. squamulatus Dietz 91–230 Wis. Mo.
57. molochinus Dietz 91–231 Mont. Can. N.H.
58. rufipes Lec. 76–204 N.Y.Del.Ia.
59. disjunctus Lec. 76–204 N.Y.Ga.Ill.
60. melancholicus Dietz 91–211 [Tex. Vanc.
murinus Dietz 91–232 Or. Colo.
61. brunnipennis Mann. 43–292 Cal.
62. hirtus Lec. 76–203 Cal.Ariz.Ut.
63. ochreopilosus Dietz 91–233 Cal. So.Cal.
64. callirrhoæ Pierce 08–176 Tex.
65. pauperculus Lec. 76–203 Cal. So.Cal.
66. mimicanus Fall 13–54 Ariz.
****
(*Sexarthrus* Blatch. 16–311)
67. subfasciatus Lec. 76–205 Can. Fla.Tex.
latiusculus Dietz 91–235 Va. Tex.
68. robustulus Lec. 76–205 N.Eng.Va. Mont.
moleculus Csy. 84–191 Pa.D.C.Wis.
69. robinsoni Blatch. 16–312 N.Y.
****
70. ungularis Lec. 76–206 Mich.N.Y.Fla.
71. floralis Dietz 91–238 Fla. N.C.
72. debilis Blatch. 16–314 Fla.
73. nubilus Lec. 76–205 Fla. N.C. Mass.
74. cylindricollis Blatch. 16–314 N.C.
(*Cnemocyllus* Dietz 91–239)
75. helianthi Fall 01–262 So.Cal.
76. subvittatus Lec. 76–203 Cal.
77. tahoensis Fall 01–263 Cal.
78. ornatulus Dietz 91–241 Cal.So.Cal. Ariz.
79. figuratus Dietz 91–241 Cal. So.Cal.
80. inermis Boh. 58–131 Cal. So.Cal.
81. sphæralceæ Fall 13–55 Ariz. Kan.
82. jacobinus Dietz 91–242 Colo. [Dak.
83. stolatus Fall 01–264 So.Cal.
84. decipiens Lec. 76–206 Mich.Wash. Tex.
85. canus Lec. 76–207 Ariz.Cal.Tex.
affinus Lec. 76–207 Tex.-Cal.
nanus Lec. 76–207 Ariz.N.Mex.
86. cycliferus Fall 13–56 Ut.
87. aphanostephi Pierce 08–177 Tex.
88. baccharidis Pierce 08–178 Ariz.
89. tenuis Fall 13–57 Ut.Nev.Id. Cal.
90. elongatus Lec. 76–204 Que.Fla.Nev.
91. ligatus Dietz 91–245 Ariz.
92. juncturus Fall 13–57 L.Cal.
93. lineatulus Dietz 91–245 Tex.
(*Anthonomochæta* Dietz 91–246)
94. heterogenus Dietz 91–247 Tex.Ariz.Ut. Wash.

[1] See footnote, page 324.
† Introduced.

Anthonomus Germ.
?
17295. mexicanus Boh. 43–228 Mex. Tex.
brevirostris Linell 97–50 Tex.
96. eugenii Cano 94–377 Mex. Tex.
æneotinctus Champ. 03–169
* Mex.

Anthonomopsis Dietz 91–247
17298. mixtus Lec. 76–206 Conn.-Neb.

Pseudanthonomus Dietz 91–248
17299. cratægi Walsh 67–266 Can. Fla.-Wis.
17300. validus Dietz 91–250 Can. N.Mex.
01. hamamelidis Pierce 08–180 N.Y.Va.N.J.
02. krameriæ Pierce 08–181 Tex.
03. incipiens Dietz 91–250 Can.Mich.
04. puncticollis Blatch.16–319 Ind. [D.C.
05. seriesetosus Dietz 91–251 Mich.D.C. Neb.
06. tomentosulus Dietz 91–251 Tex.
07. facetus Dietz 91–252 Neb.
08. longulus Dietz 91–252 N.J.D.C.N.C.
09. rufulus Dietz 91–252 D.C.Mass.Ind.
10. brunneus Dietz 91–253 N.Mex.
11. parvulus Dietz 91–253 Ill.
12. inermis Blatch. 16–321 Fla.
13. relictus Dietz 91–254 Pa.

Mecynopyga Pierce 08–179
17314. texana Pierce 08–179 Tex.

Neomastix Dietz 91–254
17315. solidaginis Dietz 91–255 Mass. Va.
punctulatus Dietz 91–255 Fla.

Chelonychus Dietz 91–256
17316. longipes Dietz 91–256 Cal.Minn. Colo.

Nanops Dietz 91–256
17317. schwarzi Dietz 91–257 Fla.

Epimechus Dietz 91–257
17318. mimicus Dietz 91–258 Cal. So.Cal.
19. nanulus Fall 01–267 N.Mex.
20. curvipes Dietz 91–259 Nev.N.Mex.
21. modicus Fall 13–60 Ariz.
22. soriculus Dietz 91–259 So.Cal.
23. æmulus Fall 01–266 So.Cal.
24. adspersus Dietz 91–260 Cal.
25. stragulus Fall 01–267 N.Mex.
26. mobilis Fall 13–62 So.Cal.

Epimechus Dietz
17327. nevadicus Dietz 91–260 So.Cal.Ariz. Nev.
28. gracilis Fall 13–59 N.Mex.Ariz.
29. canoides Fall 13–60 Tex.
30. arenicolor Fall 01–265 Ariz.

Brachyogmus Linell 97–51
17331. ornatus Linell 97–51 So.Cal.

Ephelops Dietz 91–261
17332. triguttatus Dietz 91–261 Fla.

Elleschus Steph. 31–103
(*Alyca* Lec. 76–209)
17333. bipunctatus (L.) 58–380 †Eur.Can. N.J.Mich.Ind.
34. scanicus (Payk.) 00–251 †Eur.Pa. N.J.
35. ephippiatus (Say) 31–25 Can.-Ga.
a. californicus Csy. 84–193 Cal. [So.Cal.

Hypoleschus Fall 07–265
17336. atratus Fall 07–266 N.Mex.

Orchestes Ill. 04–105
17337. ephippiatus (Say) 31–16 Can.Cal.D.C.
38. salicis L. 58–381 Sib.Eur. Nfld.-Cal. D.C.
subhirtus Horn 73–462 Ill. Wis.
39. niger Horn 73–462 N.S.-Mich. D.C.
40. parvicollis Lec. 76–208 Colo.Nev.
41. illinoisensis Fall 13–64 Ill. [So.Cal.
42. puberulus Boh. 58–133 Cal. So.Cal.
43. canus Horn 78–620 Mich.O.Colo.
44. mixtus Blatch. 16–282 Ind.
45. pallicornis Say 31–16 N.S. Or. Tex.
a. pallidior Leng 16–281 Nfld.
46. betuleti Horn 85–161 Md. D.C.
47. rufipes Lec. 76–208 Alas.Vt.Nfld. Mass. N.Y.
a. minutus Horn 78–620 Colo. Cal.
48. scutellaris Fab. 01–495 Eur. Can.

Xanthus Dietz 91–269
17349. pygmæus Dietz 91–269 N.J. Md.
50. liliputanus Dietz 91–270 D.C.

Acalyptus Schön. 36–446
17351. carpini (Herbst) 95–204 Eur.Can.Ill. Pa.N.J.Kan. Wis.Mich. Mass.

PRIONOMERINI

Prionomerus Schön. 36–359
(*Odontopus* Say 31–15)
17352. calceatus (Say) 31–15 N.Eng.Mich.
carbonarius Gyll. 36–360 [Fla.

Piazorhinus Schön. 36–471
(*Momonus* Say mss.)
17353. scutellaris (Say) 26–252 N.Eng.Neb. Ga.

Piazorhinus Schön.
17354. pictus Lec. 76–211 Can.Fla.Wis.
55. thoracicus Csy. 10–128 Fla.
56. tuberculatus Blatch. 16–324 Fla.

* The synonymy of the species under the query mark was corrected after the serial numbers were assigned; 17297, assigned originally to æneotinctus, a synonym of eugenii Cano (the pepper weevil) is thereby eliminated. Mr. H. S. Barber tells me that varipes Duval (No. 17244) may also prove to be identical with mexicanus Boheman.

† Introduced.

CIONINI

Casey 10

Nanophyes Schön. 37–780

17357. pallidulus (Grav.) 07–203 †Eur.(N.J. La. Colo.)

Cionus Clairville 98–64

17358. scrophulariæ (L.) 58–380 †Eur.(La.?) Sib.

MECININI

Casey 10

Gymnetron Schön. 26–319

17359. tetrum (Fab.) 01–448 †Eur.Can. Ga. Ia. Sib. Pa. W.Va.O. N.Y. Mich.

Miarus Steph. 31–15

17360. hispidulus Lec. 76–221 Tex. Que.Fla.
a. consuetus Csy. 10–143 Kan.
61. puritanus Csy. 10–144 Mass. Ind.Ct
a. nanus Csy. 10–144 Mass.
b. illini Csy. 10–144 Ill.

CLEONINI

Leconte 76; Casey 91

Dinocleus Csy. 91–176
(*Centrocleonus* || Lec. 76–145)

17362. hystrix Fall 13–41 So.Cal.
63. pilosus Lec. 76–145 Cal. So.Cal.
64. jacobinus Csy. 91–179 So.Cal.
65. angularis (Lec.) 59–18 Kan. N.Mex.
66. dentieollis Csy. 91–180 Ariz.
67. porcatus Csy. 04–321 Ut.
68. porosus Lec. 76–146 L.Cal.
69. faretus Csy. 91–181 So.Cal.
70. saginatus Csy. 91–182 Ariz.
71. albovestitus Csy. 91–183 So.Cal.
72. interruptus Csy. 04–322 Ut.
73. molitor (Lec.) 53–78 So.Cal.Ariz.
74. wickhami Csy. 91–184 So.Cal.
75. densus Csy. 91–185 Ariz.

Cleonus Schön. 26–145
(*Stephanocleonus* Mots. 60–539)

17376. plumbeus Lec. 76–146 Me.-H.B.T.
77. cristatus Lec. 76–147 Utah [N.Mex.

(*Apleurus* Chev. 75–78)
(*Cleonopsis* Lec. 76–147)
(*Cleonaspis* Lec. 76–153)

78. pluvereus (Lec.) 59–18 Kan.Ariz.
79. lutulentus (Lec.) 59–18 N.Mex.

(*Cleonidius* Csy. 91–186)
(*Cleonus* Lec. 76–148)
(*Apleurus* Chev. pars)

80. collaris Lec. 76–149 Colo.
81. grandirostris Csy. 91–189 N.Mex.Wy.
82. inornatus Lec. 76–149 So.Cal.
83. pacificus Fall 01–260 So.Cal.
84. caneseens Lec. 76–151 Colo.
85. earinicollis Lec. 76–152 Colo. (Fla.
86. trivittatus Say 31–10 Colo. [N.C.?)
præpotens Say 31–21
87. bicarinatus Csy. 91–190 Tex.
88. lecontei Csy. 91–190 Ariz.

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89. calandroides (Rand.) 38–42 Mass. Ct. R.I.
90. sparsus Lec. 76–152 Colo.
91. frontalis Lec. 76–150 Wy.Nev.(Ill.?)
puberulus Lec. 76–151 Nev.
92. quadrilineatus (Chev.) 75–80 Tex. Ariz.
93. erysimi Fall 01–261 So.Cal.

Cleonus Schön.

17394. basalis Fall 97–242 So.Cal.
95. lobigerinus Csy. 91–191 Ariz. So.Cal.
96. kirbyi Csy. 91–188 Or. Cal.
vittatus ‡ Lec. 76–152 nec Kby.
97. vittatus Kby. 37–199 H.B.T.So.Cal.
poricollis (Mann.) 43–291 Cal.
virgatus Lec. 76–150 So.Cal. Ariz.
98. modestus (Mann.) 43–291 Ariz.L.Cal.
californicus (Mots.) 45–378 [So.Cal.
pleuralis (Lec.) 76–155 So.Cal.
99. circumductus Csy. 91–192 Ariz.
17400. texanus (Lec.) 76–155 Tex.
01. subcylindricus Csy. 91–193 Fla.

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02. graniferus Csy. 91–194 Fla. Ga.

Lixus Fab. 01–98

17403. caudifer Lec. 76–156 Ill.B.C.Ind.
04. auctus Lec. 57–57 Or. [Ia
05. rubellus Rand. 38–41 Que.Mass.
06. asper Lec. 76–156 So.Cal. [Wis.
07. lupinus Blatch. 14–248 Fla.
08. placidus Lec. 76–159 Colo.
09. amplexus Csy. 91–199 Fla.
10. oregonus Csy. 91–200 Or.
11. eximius Csy. 91–201 Tex.
12. tenellus Csy. 91–201 Tex.
13. leptosomus Blatch.14–249 Fla.
14. marginatus Say 31–13 N.Y.Fla. Ia.
sylvius ‡ Lec. 76–156 nec Boh.
15. musculus Say 31–14 Can.N.J.Tex.
punctinasus Lec. 76–157 ♂ Ind.O. [Colo.
16. pareus Lec. 76–157 Cal.
17. pygmæus Csy. 91–203 Kan.
18. concavus Say 31–14 N.Eng.Id.La.
rectus Lec. 76–158 N.Y. [Fla.
19. mucidus Lec. 76–158 Ill.Ind.O.
20. soror Csy. 91–204 Mont.
21. perlongus Fall 13–39 Ariz.
22. laramiensis Csy. 91–204 Wy.
23. mixtus Lec. 76–416 Colo.
24. sobrinus Csy. 91–205 Tex.
25. sylvius Boh. 44–430 Pa.Fla.Ky.
scrobicollis ‡ Lec. 76–159 nec Boh.
26. scrobicollis Boh. 36–84 Va.Fla.Ark.
lateralis || Say 31–14 [Tex.
læsicollis Lec. 58–78 Tex.
27. morulus Blatch. 16–339 Ind.

† Introduced.

Lixus Fab.

17428. perforatus Lec. 76–159 Cal. So.Cal.
29. peninsularis Fall 13–40 L.Cal.
30. semivittatus Csy. 91–207 Ariz.Utah So.Cal.
31. maritimus Fall 13–39 So.Cal.
32. fimbriolatus Boh. 26–42
macer Lec. 76–160 Ill.Colo.Tex.
33. deceptus Blatch. 16–341 Ind.

Lixus Fab.

17434. julichi Csy. 91–208 N.J. D.C.
35. luculentus Csy. 91–209 Fla.
36. nitidulus Csy. 91–210 Ind.?
37. fossus Lec. 76–416 Fla.
38. obesulus Csy. 91–211 Fla.
39. terminalis Lec. 76–157 L.I.N.Eng. Fla. Ia.
40. sexualis Csy. 91–212 Tex.

STERNECHINI

Sternechus Schön. 26–251
(*Sternuchus* ‡ auct.)
(*Plectromodes* Csy. 95–829)

Sternechus Schön.

17441. armatus Csy. 95–831 Ill. N.C. Fla.
spinifer Boh. ‡ auct.
42. paludatus Csy. 95–830 Ariz.

LÆMOSACCINI

Læmosaccus Schön. 26–50

17443. plagiatus (Fab.) 01–485 Mass.Fla. Colo.Ariz.
nephele (Hbst.) 95–54 N.C.

Læmosaccus Schön.

17444. texanus Champ. 03–285 Tex. Mex.

BARINI

Lecoote 68; Casey 92; Blatchley & Leng 16

Barides

Baris Germ. 17–340
(*Baridius* Schön. pars)

17445. ingens Csy. 92–476 Ariz.
46. striata (Say) 31–17 Mich.Mont. Ariz.
47. umbilicata (Lec.) 68–363 L.I.Mich. Fla.
48. carbonaria Blatch. 16–351 Can. [Colo.
49. arizonica Csy. 92–478 Ariz.
50. hispidula Csy. 92–479 Colo.
51. texana Fall 13–68 Tex.
52. gravida Csy. 92–479 Tex.
53. strenua (Lec.) 68–363 Ind.Wis.Ariz. (Fla.?)
54. callida Csy. 92–481 Ga. N.J.
?transversa Say 31–18
55. subovalis (Lec.)68–363 Wis. N.C.
56. xanthii Pierce 07–379 Tex.
57. lubrica Csy. 92–482 Fla.
58. tumescens (Lec.) 68–362 N.Y.Mich.
59. nitida Lec. 76–292 Fla. [Fla. Tex.
60. soluta Csy. 92–484 La.Ark.Colo.
61. floridensis Csy. 92–485 Fla.
62. subænea (Lec.) 68–361 N.J.D.C.Ark.
63. vespertina Csy. 92–486 Ariz.
64. texta Fall 13–70 Ariz.
65. pruinina Fall 13–71 Tex.
66. heterodoxa Fall 01–267 So.Cal.
67. oblongula Csy. 92–487 Colo.
68. interstitialis (Say) 23–314 N.Eng.Colo. Fla.Tex.Ariz.
transversa ‡ Csy. 92–487
quadrata (Lec.) 68–361
carinulata (Lec.) 58–79
69. dilatata Csy. 92–488 Cal.So.Cal.
70. cuneipennis Csy. 92–489 Tex. [Ariz.
71. aprica Csy. 92–490 Ariz. Colo.
72. apricoides Fall 13–69 N.Mex.Ariz.
73. peninsulæ Horn 94–447 L.Cal.
74. monticola Fall 01–268 So.Cal.

Baris Germ.

17475. dolosa Csy. 92–490 L.I.-Ia.
76. zuniana Csy. 92–491 Ariz.
77. opacula Csy. 92–492 Cal.
78. porosicollis Csy. 92–492 Neb.
79. punctiventris Csy. 92–493 La.Mo.Ind.
80. canadensis Blatch. 16–357 Can.
81. rubripes Csy. 92–494 Cal. So.Cal.
82. sparsa (Lec.) 68–364 Or. Cal.
83. nevadica Fall 13–71 Nev.
84. brunneipes Csy. 92–495 Cal.
85. deformis Csy. 92–496 N.C.-Ia.
86. futilis Csy. 92–497 So.Cal.
87. inconspicua Csy. 92–498 Colo.
88. monardæ Pierce 07–380 Tex.
89. confinis (Lec.) 68–362 N.Eng.Ia.Fla.
90. subsimilis Csy. 92–499 Pa.Colo. [Tex.
91. socialis Csy. 92–499 Ind. Tex.
92. aperta Csy. 92–500 Dak. Ind.
93. abrupta Csy. 92–501 Pa.
94. tenuestriata Csy. 92–501 Cal.
95. macra (Lec.) 57–58 Cal.
96. discipula Csy. 92–503 Ind. D.C.
97. ærea (Boh.) 45–141 N.J. O.Fla.
98. scintillans Csy. 92–504 Fla. [Tex.
99. æneomicans Csy. 92–505 Mass. Fla.
17500. hyperion Csy. 92–505 Fla.
01. vitreola Csy. 92–506 Fla.
02. ancilla Csy. 92–507 Fla.
03. splendens Csy. 92–507 Fla.
04. exigua Csy. 92–508 Tex.

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05. scolopacea Germ. 24–202 †Eur.R.I.-Pa.

Baridius Schön. 26–308
— californicus Mots. 45–372 Cal.
— californicus Boh. 59–137 Cal.?
— confertus Boh. 36–728 Fla.

† Introduced.

Plesiobaris Csy. 92–509
17506. T-signum (Boh.) 45–154 N.J.D.C.
a. signatipes Csy. 92–510 Fla. [Mich.
07. albilatus (Lec.) 76–298 Fla.(N.J.
08. æmula Csy. 92–512 Fla. [Ind.?)
09. disjuncta Csy. 92–513 Mass.S.C.Mo.

Stenobaris Linell 97–52
17510. avicenniæ Linell 97–52 Fla.

Pycnobaris Csy. 92–514
17511. pruinosa (Lec.) 76–294 Tex. Colo.
12. squamotecta Csy. 92–515 Tex.
13. nigrostriata Fall 13–72 Cal.

Stictobaris Csy. 92–516
17514. cribrata (Lec.) 76–296 Tex.
15. pimalis Csy. 92–517 Ariz.
16. subacuta Csy. 92–518 N.Mex.

Trepobaris Csy. 92–519
17517. elongata Csy. 92–519 Tex.

Glyptobaris Csy. 92–520
17518. rugicollis (Lec.) 76–297 N.J.S.C.Ill.

Onychobaris Lec. 76–294
17519. densa (Lec.) 59–79 So.Cal.
20. corrosa Csy. 92–525 Colo.
21. depressa Csy. 92–525 So.Cal.
22. millepora Csy. 92–526 N.Mex. Colo.
23. austera Csy. 92–527 So.Cal.
24. insidiosa Csy. 92–528 Tex. So.Cal.
25. subtonsa Lec. 76–295 Tex.Kan.Colo.
26. rufa Linell 97–53 Utah
27. arguta Csy. 92–529 Cal.So.Cal.
28. audax Csy. 92–530 So.Cal.
29. stictica Csy. 92–530 Ariz.
30. mystica Csy. 92–531 Ariz. Tex.
31. egena Csy. 92–532 Ariz.
32. ambigua Csy. 92–533 Ariz.
33. pauperella Csy. 92–533 Ariz.
34. seriata (Lec.) 57–58 Cal.
35. remota Csy. 92–535 Tex.
36. distans (Lec.) 68–363 N.Mex.
37. molesta Csy. 92–536 Ariz.
38. illex Csy. 92–537 Colo.
39. pectorosa Lec. 76–295 (?Conn.) Mo.
40. diluta Csy. 92–538 Tex. [Tex.
41. porcata Csy. 92–539 Ariz.

Madarellus Csy. 92–540
(*Madarus* ‡ auct. nec Schön.)
17542. undulatus (Say) 23–315 Fla.Atl.St. Kan.Tex.
43. punctatus Fall 09–169 L.Cal.
44. cuneatus Csy. 93–603 Tex.

Aulobaris Lec. 76–288
17545. nasuta (Lec.) 68–364 Kan.Ia.Miss
naso Lec. 76–299
46. pusilla (Lec.) 68–363 N.Y.N.C.Ia.
47. scolopax (Say) 31–26 D.C.Ga.Tex. Wis.
48. ibis (Lec.) 68–365 N.J.Fla.Miss.
49. dux Csy. 92–546 Neb.

Ampeloglypter Lec. 76–299
17550. ater Lec. 76–300
ampelopsidos (Walsh) 69–105 Me.N.Eng. Mich. Ind.
51. longipennis Csy. 92–549 Pa.S.C.Neb.
52. sesostris (Lec.) 68–364 Mo.W.Va.-
vitis Riley 69–131 [Minn.

Desmoglyptus Csy. 92–550
17553. crenatus (Lec.) 76–300 Va.Md.D.C.

Pseudobaris Lec. 76–297
17554. fareta (Lec.) 68–362 Kan.Colo.
55. luctuosa Csy. 92–554 Fla. [Ariz.
56. sobrina Blatch. 16–373 Wis.Ind.D.C.
57. discreta Csy. 92–554 Tex.
58. fausta Csy. 92–555 Ariz.
59. pectoralis Lec. 76–420 Fla.
60. lugubris Csy. 92–557 N.Mex.
61. angusta (Lec.) 68–363 Can.Dak.Kan.
62. nigrina (Say) 31–31 E.U.S. Fla.
63. cælata Csy. 92–559 N.Mex.
— anthracina (Boh.) 36–727 N.Am.

Hesperobaris Csy. 92–559
17564. suavis Csy. 92–560 Tex. Mo.

Microbaris Csy. 92–560
17565. galvestonica Csy. 92–561 Tex.

Trichobaris Lec. 76–287
17566. trinotata (Say) 31–17 Can.Fla.Colo.
vestita (Boh.) 36–718
plumbea (Lec.) 68–364
67. mucorea (Lec.) 58–79 L.Cal.Ariz.
68. insolita Csy. 92–565 Fla. [So.Cal.
69. compacta Csy. 92–566 So.Cal.Ariz.
70. texana Lec. 76–288 Tex. Colo.
71. cylindrica Csy. 92–567 Ariz.

Rhoptobaris Lec. 76–287
17572. canescens Lec. 76–287 Colo.

Orthoris Lec. 76–286
17573. crotchi Lec. 76–286 Cal.Tex.Neb.
74. cylindrifer Csy. 92–571 Ariz.

Centrinides

[1] **Geræus** Pascoe 39–322
(*Centrinus* ‡ auct.)
*
17575. punctirostris Lec. 76–309 Colo.
76. lævirostris Lec. 76–309 Mo. Ind.
77. striatirostris Lec. 76–309 Tex.(Ohio?)
78. modestus Boh. 36–772 Pa. Fla.
79. tortuosus Csy. 92–580 Tex.
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80. picumnus (Hbst.) 97–30 N.Eng.Neb.
olivaceus Gyll. 36–763 [Fla.Ariz.
sutor Harris 37–81

Geræus Pascoe
17581. albotectus Csy. 92–582 N.J.Fla.Tex.
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82. perscillus Gyll. 36–762 Fla.-Minn.
a. neglectus Lec. 76–310 Tex. La.Kan.
b. grisescens Csy. 92–583 N.C.Ind.Mo.
83. finitimus Csy. 92–585 Tex. Mo.
84. hospes Csy. 92–585 Ariz.
85. clarescens Csy. 92–586 D.C.
86. perscitus (Herbst) 97–28 N.J.Ga.Ind.
87. exulans Csy. 92–588 N.Mex. [Tex
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[1] All authors' names should be in parentheses.

Geræus Pascoe
88. senilis Gyll. 36–759 Ariz.
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89. acuminatus Csy. 92–590 Tex. Ariz.
90. globifer Csy. 92–591 Tex.
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91. penicellus (Herbst) 97–29 N.Y.Fla.Ia.La.
holosericeus Gyll. 36–760
pubescens (Uhler) 55–417
?aratus Say 31–26 Mo.
****
92. lineellus Lec. 59–79 "Cal." (N.Am.?)
****
93. capillatus Lec. 76–311 Tex.
nubecula Csy. 92–594 ♀ Tex.
94. clientulus Csy. 92–594 Tex.
****
95. falsus Lec. 76–315 Ala. Ia.
— dilectus Harris 36–79 ?
— pistor Germ. 36–170
(*Linonotus* Csy. 92–603)
96. distinctus (Boh.) 44–187 Brazil, Tex.?

Odontocorynus Schön. 44–271
17597. scutellum-album (Say) 31–21 N.Eng.Colo. Fla. Tex.
98. denticornis Csy. 92–597 N.C. La. Kan.
99. salebrosus Csy. 92–598 N.Y.Colo.Fla.
17600. pinguescens Csy. 92–599 Ark.Ind. [Tex.
01. pulverulentus Csy. 92–600 N.C.Tex.Colo.

Centrinopus Csy. 92–601
17602. alternatus Csy. 92–602 Md.
helvinus Csy. 92–602 Ind. Ill.

Pachybaris Lec. 76–302
17603. porosa Lec. 76–302 Fla.
04. xanthoxyli Linell 97–53 Tex.
05. strigapunctus Ham. 93–309 Pa.

Microcholus Lec. 76–303
17606. striatus Lec. 76–304 N.J. Fla.
07. puncticollis Lec. 76–304 Fla.

Nicentrus Csy. 92–608
17608. lecontei Champ. 08–312 N.Eng.S.C.
lineicollis ‡ Csy. 92–610 nec Boh. [Ill. Tex.
09. lineicollis (Boh.) 44–221 Ill. Ia. Tex.
ingenuus Csy. 92–610
10. scitulus Csy. 92–611 Tex.
11. decipiens (Lec.) 76–313 Pa.Fla.Kan.
12. effetus Csy. 92–613 Fla. [Tex.
13. contractus Csy. 92–613 Fla.
14. grossulus Csy. 93–599 Fla.
canus ‡ Csy. 92–614 nec Lec.
15. neglectus Blatch. 16–392 Fla.

Centrinites Csy. 92–615
17616. strigicollis Csy. 92–616 N.C.Ky.Mo.

Calandrinus Lec. 76–305
17617. grandicollis Lec. 76–305 Colo.
18. insignis Csy. 92–619 Colo.
19. obsoletus Csy. 92–620 Colo.

Centrinogyna Csy. 92–620
17620. strigata (Lec.) 76–421 Colo. Wy.

Centrinogyna Csy.
17621. procera Csy. 92–622 Cal.

Limnobaris Bedel 88–183
*
17622. bracata Csy. 92–627 Mo.N.J.D.C.
robusta (Linell) 97–53 N.J. D.C.
23. limbifer Csy. 92–628 Fla. D.C.
24. blandita Csy. 92–628 Tex.
25. tabida Csy. 92–629 Ill. Ind.
26. deplanata Csy. 92–630 Ia. Ind. Miss.
27. punctiger (Lec.) 76–314 Tex.
28. denudata Csy. 92–632 Fla.
29. planiuscula Csy. 92–633 Tex.
30. nasuta (Lec.) 59–79 So.Cal. Tex.
31. oblita Csy. 92–634 Wis.
32. seclusa Csy. 92–635 Ariz. So.Cal.
**
33. grisea (Lec.) 76–312 Tex.Ariz.N.J. D.C.
***
34. confusa (Boh.) 36–740 N.Eng.Fla.
35. ebena Csy. 92–638 Tex. [Colo
36. puteifer Csy. 92–639 Ind. O.
37. confinis (Lec.) 76–317 N.Y.Mich.Ia.
38. concurrens Csy. 92–640 D.C. O. [Tex.
39. concinna (Lec.) 76–316 Fla.Tex.
40. fratercula Csy. 92–642 Fla. [(N.Y.?)
41. seminitens Csy. 92–642 Neb.
****
42. prolixa (Lec.) 76–317 N.Eng.Mich.
43. nitidissima Csy. 92–644 Tex. [Colo.
*****
44. longula (Lec.) 76–316 Tex. Fla.
45. cana (Lec.) 76–421 Fla.
longula var. Csy. 92–646
46. rectirostris (Lec.) 76–315 N.Eng.Can.
47. tenua Blatch. 16–402 Ind. [S.C.
48. calva (Lec.) 76–314 L.I. Fla.O.

Oligolochus Csy. 92–648
17649. convexus (Lec.) 76–422 Fla. D.C.
50. longipennis Linell 97–54 Tex.

Idiostethus Csy. 92–649
17651. tubulatus (Say) 31–20 N.Y.Fla.Wis.
52. subcalvus (Lec.) 78–622 Pa.-Mo.
53. ellipsoideus Csy. 92–652 Ill.Ia.Mo.
54. dispersus Csy. 92–652 Ala.

Stethobaris Lec. 76–302
17655. corpulenta Lec. 76–420 Fla.
56. cicatricosa Csy. 93–600 Tex.
57. incompta Csy. 92–655 Ind.Mich D.C.
58. commixta Blatch. 16–407 Mass.D.C.
ovata ‡ Csy. 92–656 nec Lec. [Ind.
59. ovata (Lec.) 68–363 Mass. -Mo.
congermana Csy. 92–657
60. egregia Csy. 92–657 Ariz.

Zaglyptus Lec. 76–236
17661. striatus Lec. 76–237 Pa. D.C. O.
62. sulcatus Lec. 76–237 Ala.D.C. O. Ind.

Oomorphidius Csy. 92–659
17663. erasus (Lec.) 78–217 Kan.
61. levicollis (Lec.) 76–304 Mo.D.C.Ga. Fla.

Eisonyx Lec. 78–216
17665. crassipes Lec. 78–217 Tex.
(*Eumononycha* Csy. 93–601)
66. opaca Csy. 93–601 Tex.
67. picipes Pierce 16–472 Tenn.

Zygobaris Lec. 76–317
17668. nitens Lec. 76–318 Fla.
69. xanthoxyli Pierce 07–383 Tex.

Zygobarinus Pierce 07–385
17670. cœlestinus (Linell) 97–55 Fla.

Catapastus Csy. 92–664
17671. conspersus (Lec.) 76–318 O.Mich.Ia.
72. albonotatus Linell 97–56 Fla. [(Fla.?)
73. signatipennis Linell 97–55 Fla.
74. diffusus Csy. 92–665 Fla.

Barinus Csy. 86–255
17675. bivittatus (Lec.) 78–431 Ga. Fla.
76. cribricollis (Lec.) 76–422 Fla. Mich.
77. squamolineatus Csy. 86–256 Ill. Ind. Ia.
78. suffusus Csy. 92–670 Tex.
79. difficilis Csy. 92–671 So.Cal.
80. lutescens (Lec.) 78–218 Tex.
81. curticollis Csy. 92–673 Mo.La.D.C.
82. albescens (Lec.) 78–218 Tex. N.J.
83. linearis (Lec.) 76–422 Fla.

Barilepton Lec. 76–318
17684. filiforme Lec. 76–319 N.Eng.Mich.
85. famelicum Csy. 92–677 Colo. [Neb
86. quadricolle Lec. 76–423 Neb.-N.J.
87. falciger Csy. 92–678 So.Cal.

Eunyssobia Csy. 92–679
(*Euchætes* || Lec. 76–319)
17688. echidna Lec. 76–320 O.-Ia.

Amercedes Csy. 93–602
(*Zygobaroides* Pierce 07–384)
17689. subulirostris Csy. 93–603 Tex.
schwarzi Pierce 07–384 La.

Plocamus Lec. 76–320
17690. hispidulus Lec. 76–320 N.J.D.C.Ohio.

Acythopeus Pasc. 74–61
(*Acypotheus* ‡ auct.)
17691. orchivora Blackb. 00–61 †Australia, N.J.
92. aterrimus Waterh. 74–226 †Philippine Is. D.C.
93. gilvonotatus Barber 17–17 †Philippine Is. D.C. N.J.

Diorymerellus Champ. 08–252
(*Diorymellus* ‡ Champ. 16–200)
17694. lævimargo Champ.16–200 †Conn. Wis. N.J.

No. 17695 is omitted through error in serial numbering.

ZYGOPINI

Heller 95; Casey 97; Fall 06

Zygops Schön. 26–300
17696. seminiveus Lec. 84–31 Ariz.
97. suffusus Csy. 92–459 S.W. Tex.
98. adustus Fall 06–61 Ariz.

Gelus Csy. 97–667
(*Piazurus* ‡ Lec. 76–260)
(*Lechriops* Schön. 26–306 pars)
17699. oculatus (Say) 24–308 N.Eng.Ia.Fla.
17700. floridanus (Fall) 05–61 Fla.
01. subfasciatus (Lec.) 76–260 N.Y. Pa.
02. californicus (Lec.) 76–260 Cal.So.Cal. Ariz.

Gyrotus Csy. 97–668
17703. munitus Csy. 97–668 So.Cal.

Cylindrocopturus Heller 95–56
(*Copturus* ‡ Lec. 76)
(*Copturodes* Csy. 97–669)
17704. horridus (Fall) 06–56 L.Cal.
05. quadridens (Horn) 94–446 L.Cal.
06. jatrophæ (Fall) 06–56 Ariz.
07. filicornis (Fall) 06–57 Tex.
08. mammillatus(Lec.)76–262 So.Cal.-Tex.
09. princeps (Fall) 06–58 So.Cal.
10. littoralis (Fall) 06–58 So.Cal.
11. mediinotus (Fall) 06–59 So.Cal.
12. binotatus (Lec.) 76–263 N.Y. Ga. Tex.
13. adspersus (Lec.) 76–262 Kan.-So.Cal.
a. cockerelli (Csy.) 97–671 N.Mex.
suturalis (Csy.) 97–672 Utah, Ariz.
b. koebelei (Csy.) 97–672 No.Cal.

Cylindrocopturus Heller
17714. missourianus (Csy.) 97–673 Mo.
15. centropictus (Fall) 06–60 Tex.
16. operculatus (Say) 24–308 Ind. Dak. Tex.
17. sparsus (Csy.) 97–673 La.
18. nanulus (Lec.) 76–261 Tex. Fla. Md.
a. floridanus (Csy.) 97–674 Fla. [Ia.
19. quercus (Say) 31–20 N.Y. Ga. Ia.
cavifrons (Csy.) 97–675 Ky.
a. frontalis (Csy.) 97–674 Ind. D.C.
20. lunatus (Lec.) 76–263 Cal.
21. longulus (Lec.) 76–263 Can.D.C.
subcupreus (Csy.) 97–677 Mass. [So.Cal.
obscurellus (Csy.) 97–677 Colo.
a. nubilatus (Csy.) 97–676 Cal.
mucidus (Csy.) 97–676 No.Cal.
b. dispersus (Csy.) 97–678 Can. Ky.
22. dehiscens (Fall) 06–60 Cal.

Eulechriops Faust 96–91
(*Zygomicrus* Csy. 97–679)
17723. minutus (Lec.) 24–171 N.J.-Ga.
24. sobrinus (Horn) 95–256 L.Cal.
25. pictus Schffr. 08–219 Ariz.

Acoptus Lec. 76–264
17726. suturalis Lec. 76–264 Can.Ga.Mich.

Psomus Csy. 92–458
17727. armatus (Dietz) 91–268 Pa.
politus Csy. 92–459 Ind. O. N.J. Que.

† Introduced in Orchid houses.

CEUTORHYNCHINI

Dietz 96; Blatchley & Leng 16

Mononychi

Mononychus Germ. 24–241
17728. vulpeculus (Fab.) 01–450 Can. Ga. Wis.

Cæliodes

Craponius Lec. 76–268
17729. inæqualis (Say) 31–20 N.Eng. Fla. Mo.

Cnemogonus Lec. 76–269
17730. lecontei Dietz 96–392 Can. B.C. Pa.
epilobii ‡ Lec. 76–269 nec Payk.

Acanthoscelis Dietz 96–393
17731. californicus Dietz 96–394 Cal.
32. frontalis Dietz 96–395 Cal.?
33. griseus Dietz 96–395 Mont.
34. ilex Dietz 96–396 Mont.
35. curtus (Say) 31–29 N.Eng. Mont. Ariz.
36. acephalus (Say) 24–309 Can. Ga. Colo.
subulirostris (Gyll.) 37–288 [Ariz.
leprosus (Boh.) 44–394
a. tenebrosus Dietz 96–398 Utah, Colo.
37. tarsalis Dietz 96–398 Tex.
38. guttatus Dietz 96–399 Tex.
39. perplexus Dietz 96–400 Neb. Cal.
40. mendicus Dietz 96–400 Ga. Fla. Tex.
41. pusillus Dietz 96–401 Tex.

Auleutes Dietz 96–402
*
17742. curvipes Dietz 96–403 Tex.
43. asper (Lec.) 76–270 Can. Tex.
44. tenuipes (Lec.) 76–270 Can. Tex.
45. ater Dietz 96–405 Me. Mass.

Auleutes Dietz
17746. tuberculatus Dietz 96–406 Ariz.
47. subfasciatus Dietz 96–406 Mich.S.C.Tex.
48. tachygonoides Dietz 96–407 D.C. Fla. Tex.
49. marionis Fall 13–68 Mass.
50. longirostris Dietz 96–407 Tex.
51. cruralis Lec. 76–270 N.J. Nfld. Pa.
?epilobii (Payk.) 00–259 Eur. [Tex.
**
52. nasalis (Lec.) 76–271 Tex.
53. nebulosus (Lec.) 76–271 Can.Fla.Miss.

Pelenosomus Dietz 96–411
17754. cristatus Dietz 96–411 D.C. Ala.

Hypocœliodes Faust 96–100
(*Orchestomerus* Dietz 96–412)
17755. ulkei (Dietz) 96–413 N.Y.
56. wickhami (Dietz) 96–414 Tex.

Acallodes Lec. 76–271
17757. ventricosus Lec. 76–272 D.C. Pa. N.J.
58. lysimachiæ Fall 13–67 Mass. [Mich.
59. saltoides Dietz 96–416 Md.-Minn.

Cœliodes Schön. 37–282
17760. flavicaudis Boh. 44–397 N.Am.
apicalis Dietz 96–417 Can.-Tex.
61. vitiosus Dietz 96–418 Pa.

Ceutorhynchi

Ceutorhynchus Germ. 24–217
(*Ceuthorrhynchidius* Duv. 54–60)
17762. subpubescens Lec. 76–273 So.Cal. Ut.
63. pervestitus Fall 01–267 Cal.
64. rapæ Gyll. 37–547 †Eur.Can.Cal.
affluentus Dietz 96–421
65. sulcicollis (Payk.) 00–217 †Eur. Md.
66. quadridens (Panz.) 96–13 †Eur.Mass.
seriesetosus Dietz 96–422 [N.Y.
67. marginatus (Payk.) 92–27 †Eur. Mass.O.
?sericans ‡ Dury nec Lec.
68. isolatus Dietz 96–422 Mont.Nev. Cal.
69. rudis Lec. 76–275 Kan. Nev.
70. notatulus Fall 07–269 N.Mex.
71. sericans Lec. 76–275 Cal.-la.Ariz.
72. solitarius Fall 07–269 Colo.
73. angulatus Lec. 76–277 So.Cal.Vanc.
74. consanguineus Dietz 96–426 Nev.
75. disturbatus Dietz 96–426 So.Cal.Vanc. B.C.
76. obliquus Lec. 76–278 So.Cal.Tex.
77. tau Lec. 76–278 Tex.
78. invisus Fall 17–388 Man.
79. echinatus Fall 17–386 Man.

Ceutorhynchus Germ.
17780. ovipennis Dietz 96–428 Cal. B.C.
81. sulcipennis Lec. 76–274 Can.Ala.Kan.
82. decipiens Lec. 76–275 Can.N.C.Cal.
83. cyanipennis Germ. 24–235 †Eur.Can.Md.
erysimi ‡ auct. nec Fab. [Cal.
?æratus Dietz 96–431 Ohio
84. bolteri Dietz 96–432 Ill.-N.Y.
hirticollis Dietz 96–433 Ill. Wis.
85. armatus Dietz 96–433 Tex.
86. pollinosus Dietz 96–434 Cal.
87. horni Dietz 96–435 So.Cal.
88. nodipennis Dietz 96–435 So.Cal.
89. adjunctus Dietz 96–436 Utah, Nev.
stanleyi Sz. mss.
90. moznettei Fall 17–389 Or.
91. omissus Fall 17–388 Man.
92. mutabilis Dietz 96–437 So.Cal. Kan.
93. ovalis Dietz 96–438 Ill. Minn.
94. dietzi n.m. Pa.
intermedius || Dietz 96–438
95. numulus Dietz 96–439 Tex.
96. pusio Mann. 52–355 Alas. Mass.
hamiltoni Dietz 96–440 Mass. R.I.
97. neglectus Blatch. 16–447 N.Eng.D.C.
pusio ‡ Dietz 96–440 nec Mann. [Or.

† Introduced.

Ceutorhynchus Germ.
17798. adspersulus Dietz 96–441 Cal. Ariz.
99. pusillus Lec. 76–276 Cal. Or.
17800. pauxillus Dietz 96–442 N.Mex. Ill.
01. convexicollis Lec. 76–276 Id.Ariz.Tex.
a. atomus Dietz 96–444 Utah [So.Cal.
02. anthonomoides Dietz 96–444 D.C. Ind.
03. transversus Blatch.16–450 Ind.
04. squamatus Lec. 76–277 Ill. D.C.
05. lesquerellæ Pierce 10–366 Tex.
06. oregonensis Dietz 96–445 Or. Id.
07. siculus Dietz 96–446 Va. Ind.
08. persimilis Dietz 96–447 Nev.
09. convexipennis Fall 17–390 Man.
10. albopilosulus Dietz 96–448 So.Cal.

Ceutorhynchus Germ.
17811. tescorum Fall 07–270 Nev. Colo.
12. semirufus Lec. 76–278 Can.N.J.Mich.
13. medialis Lec. 76–279 L.Sup.(La.?)
14. erythropus Dietz 96–450 D.C.
15. morosus Dietz 96–451 Va.
16. atriculus Dietz 96–451 Pa. D.C.
17. septentrionalis Gyll.37–492 L.Sup.Va.
18. puberulus Lec. 76–279 Can.Tex.Cal.
19. floridanus Leng 16–452 Fla. Ala.
20. zimmermanni Gyll. 37–492 Can.Tex.N.J.

Rileyonymus Dietz 96–453
17821. relictus Dietz 96–454 Panamint Valley, Cal.

Phytobii spurii

Dietzella Champ. 07–151
(*Calogaster* || Schön. 37–588)
17822. zimmermanni Gyll. 37–587 Nfld.Ga.Wash. So.Cal.

Dietzella Champ.
17823. lituratus Dietz 96–457 Mich.Ill.Can. N.H.

Phytobii veri

Perigaster Dietz 96–458
17824. cretura (Herbst) 97–70 Can.Fla.Tex.
quadrispinosus (Say) 23–310
25. obscurus (Lec.) 76–283 Fla. Ga.

Perenthis Dietz 96–460
17826. vestitus Dietz 96–461 Ind. Va. Ga.

Pelenomus Thoms. 60–138
17827. cavifrons Lec. 76–282 So.Cal. Ut.
a. torvipes Dietz 96–462 Wash.
28. sulcicollis (Fåhr.) 43–346 Can.Ga.Ala.
29. gracilipes Dietz 96–463 Neb. Colo.
30. asperulus Dietz 96–464 Mich. Mass.
31. griseus Blatch. 16–458 Mass. N.J.
32. squamosus Lec. 76–281 N.Y.Mich. B.C.
33. impressiventris Blatch. 16–459 Ind. Mass.
34. pusillus Dietz 96–466 Fla.
?squamosus ‡ Sz. 78–457 nec Lec.

Mecopeltus Dietz 96–466
17835. fuliginosus Dietz 96–467 Can.Tex.Or.
36. scandens Dietz 96–467 Mass. Va.
37. obscurefasciatus Dietz 96–468 Nev.

Mecopeltus Dietz.
17838. æneosquamosus Dietz 96–469 Or. Tex.
39. congenialis Dietz 96–470 Or.
40. scoliasus Dietz 96–470 Wy.

Rhinoncus Schön. 37–577
17841. pericarpius (Fab.) 01–451 Eur.Sib.Can.
?umbellæ (Fab.) 01–450 S.C. [Tex.
triangularis (Say) 31–20 Pa.
occidentalis Dietz 96–471
42. pyrrhopus Boh. 45–172 Can.Tex.Colo. Sib.
43. longulus Lec. 76–284 N.Eng.Ill.Fla. Cal.

Phytobius Schön. 36–458
(*Eubrychius* Thoms. 60–138)
17844. velatus (Beck) 17–20 Eur. Mass.
45. griscomicans Sz. 91–165 Mich. [Vanc.
(*Eubrychiopsis* Dietz 96–474)
46. lecontei Dietz 96–475 Mich.

Rutidosoma Steph. 31–45
(*Rhytidosomus* ‡ auct.)
17847. orobinus Schiödte 59–141 Greenland
?globulus Hbst. 95–398 Eur.

CRYPTORHYNCHINI

Leconte 76; Blatchley & Leng 16

Ithypori

Phyrdenus Lec. 76–249
17848. divergens (Germ.) 24–282 N.J. Fla.
undatus Lec. 76–249 Mo.Ga.Tex. D.C.
49. muriceus (Germ.) 24–281 Fla.-Cent.Am.
bullatus Csy. 92–458 Ariz.

Conotrachelus Schön. 37–392
(Schffr. 06–341)
(1.A.Lec) *
17850. tuberculicollis Schffr. 06–339 Ariz.

Conotrachelus Schön.
17851. nenuphar (Hbst.) 97–29 Nfld.-Fla.Tex.
argula (Fab.) 01–467
cerasi (Peck) 19–307
52. juglandis Lec. 76–226 Que.-Ga.-Ill.
53. albicinctus Lec. 76–226 Mich.Fla.Tex.
54. retentus (Say) 31–27 Pa.Fla.Kan.
55. falli Blatch. 16–471 Ind.
56. affinis Boh. 37–429 N.J. Fla.O.La.
57. compositus Csy. 92–439 Ariz.
58. seniculus Lec. 76–227 Que.Fla.Kan. Ariz.

Conotrachelus Schön.
17859. elegans (Say) 31–18 Mass.Fla.Mo.
60. neomexicanus Fall 13–66 N.Mex.
61. aratus (Germ.) 24–283 Mass.Fla.Ky.
62. nivosus Lec. 76–229 Colo.
plagiatus Lec. 76–233 Tex.
63. arizonicus Schffr. 06–340 Ariz.
64. carinatus Schffr. 06–340 Ariz.
**
65. rubescens Schffr. 04–232 Tex.
(I.B.Lec.) ***
66. cratægi Walsh 63–311 N.Eng.Ga.Ia.
67. serpentinus Boh. 37–402 Fla. Cuba
ventralis Lec. 78–428
68. adspersus Lec. 76–230 Kan. (O.?)
69. invadens Fall 07–268 Tex.
70. belfragei Lec. 76–419 Tex. Fla.
71. similis Boh. 37–416 Ga. Fla.
72. naso Lec. 76–231 N.Y.Fla.Ind.
73. carinifer Csy. 92–440 Tex. [Tex.
74. integer Csy. 92–441 Ariz.
****
75. rotundus Csy. 92–442 Tex.
76. duplex Csy. 92–441 So.Cal.?
77. posticatus Boh. 37–406 Can. Fla. Ia.
78. lucanus Horn 95–257 L.Cal.
79. maritimus Blatch. 17–278 Fla.
80. floridanus Fall 13–66 Fla.
81. cognatus Lec. 78–429 Fla.
82. pusillus Lec. 78–429 Fla.R.I. Ind.
83. atokanus Fall 13–65 Okla.
84. geminatus Dej. 37–322 Can. Fla. Ia.
puncticollis || Walsh 63–310
85. biscaynensis Fall 17–385 Fla.
86. infector Boh. 45–49 N.Y. Fla. Ind.
87. cribricollis (Say) 31–28 Ill.Tex.N.Eng.
(II Lec.) *****
88. coronatus Lec. 78–430 Fla.
89. tuberosus Lec. 76–233 Md. S.C. Ill.
90. anaglypticus (Say) 31–18 N.Eng.Fla.Ia.
91. obesus Fall 17–386 Ga.

Conotrachelus Schön.
17892. leucophæatus Fåhr. 37–417 Mex.Ind.
(III Lec.) ****** (N.J.?)
93. fissunguis Lec. 76–234 N.J.-La.
(IV Lec.) *******
94. texanus Schffr. 06–342 Tex.
95. crinaceus Lec. 76–235 O. D.C.Fla.
96. hispidus Lec. 76–235 Ga.D.C. [Tex.
97. echinatus Horn 95–258 So.Ariz.
— confinis Fåhr. 37–430 Pa.
— cristatus Fåhr. 37–438 W.I.(U.S.?)

Ryssematus (Chev.) Schön. 37–364
(*Rhyssematus* ‡ auct.)
Horn 73; Casey 95
17898. grandicollis Csy. 95–833 Ia.
99. lineaticollis Say 24–313 Mass.Fla.Tex.
17900. annectens Csy. 95–834 Ind.?
01. æqualis Horn 73–464 Pa.Ia.Miss.
02. palmacollis Say 31–16 Fla.Tex.D.C.
03. medialis Csy. 95–384 Ariz. [Ind.
04. pubescens Horn 73–465 Ariz.N.Mex.
05. oculatus Schffr. 09–386 Ariz. [So.Cal.
(*Sermysatus* Csy. 95–833)
06. pruinosus Boh. 45–13 Ariz. L.Cal.
07. ovalis Csy. 92–443 Tex.
08. parvulus Csy. 95–835 N.Mex.

Chalcodermus Schön. 37–377
17909. aeneus Boh. 37–388 Md.Fla.Tex.
10. inæquicollis Horn 73–466 Ark. Fla. Ga.
11. collaris Horn 73–467 Mass.Fla.Tex.
12. semicostatus Schffr. 04–232
Tex.
13. serripes Fåhr. 37–385 Tex.-Brazil
14. vittatus Champ. 04–324 Tex.-Guat.

Chaleponotus Csy. 92–444
17915. elusus Csy. 92–444 Ind.

Microhyus Lec. 76–237
17916. setiger Lec. 76–238 Pa.D.C.Ga.
Ind.

Cryptorhynchi

Euscepes Schön. 44–429
17917. porcellus Boh. 44–430 Fla.
longulus (Lec.) 76–244
18. sulcicollis (Lec.) 84–30 Tex.

Tyloderma Say 31–19
(*Analcis* ‡ Horn 73–467)
(*Tyloderma* Csy. 92–448)
17919. foveolata Say 31–19 N.Eng.Fla.
20. morbillosa (Lec.) 57–58 Cal. [Neb.
21. angustula Csy. 92–451 Tex.
22. contusa Csy. 92–452 Ark.
23. maculata Blatch. 16–491 Fla.
24. fragariæ Riley 71–42 N.J.D.C.Ill.
25. variegata (Horn) 73–468 Mich.-Fla.
a. rufescens Csy. 92–454 Ind.
26. baridia Lec. 76–249 Tex. Fla.
27. subpubescens Csy. 92–455 Tex.
28. aerea Say 31–29 Can.Fla.Tex.
a. nigra Csy. 84–56 Ill. Ind.
29. punctata Csy. 84–57 L.I.Fla.Ind.

Micralcinus Lec. 76–235
17930. cribratus Lec. 76–236 Fla.

[1] **Lembodes** Schön. 44–436
17931. solitarius Boh. 44–437 Guad. Fla.

[1] **Tylodes** Schön. 26–294
17932. cladotrichis Pierce 12–169 Tex.

Paracamptus Csy. 92–836
17933. subtropicus Csy. 95–837 Fla.

Canistes Csy. 92–447
17934. schusteri Csy. 92–447 Mo. Ky. O.

[1] **Eurhoptus** Lec. 76–245
17935. pyriformis Lec. 76–245 Ill.Pa.Tex.
Colo.

[1] **Pseudomus** Schön. 37–263
17936. truncatus Lec. 76–246 S.C. Ga.
37. inflatus Lec. 84–31 Fla.
38. sedentarius (Say) 31–30 Fla.

[1] **Acalles** Schön. 26–295
17939. carinatus Lec. 76–242 N.J. N.C. Ill.
40. costifer Lec. 84–30 Tex.
41. inflatus Blatch. 16–500 Md.W.Va.
42. granosus Lec. 76–243 Fla. [Ind.

[1] Genera so marked, with Pseudomopsis, constitute the subtribe, Tylodina (Pierce 12–160).

Acalles Schön.
17943. sordidus Lec. 76–243 Pa. Tex.
curtus Ham. 93–308 Pa.
44. indigens Fall 07–268 N.Mex.
45. porosus Blatch. 16–501 Ind.
46. subhispidus Lec. 78–431 Fla.
47. clavatus Say 31–29 Ill.D.C.Fla.
?scabrosus Mots. (Lec. 76–243) La.
48. crassulus Lec. 76–244 Fla. D.C.
49. sylvosus Blatch. 16–502 Fla.
50. minimus Blatch. 16–502 Fla.
51. pectoralis Lec. 76–245 Ill.
52. ventrosus Lec. 78–430 Fla.

Pseudoacalles Blatch. 16–504
17953. nuchalis (Lec.) 76–244 Fla. S.C.

[1] **Gerstæckeria** Champ. 05–470
(*Opuntiaphila* Pierce 12–161)
17954. hubbardi (Lec.) 80–216 Fla. Ala.
55. dilatata (Csy.) 95–837 Fla.
(*Gerstæckeria* s. str.)
56. tessellata Pierce 12–162 Wy. Colo.
57. profusa (Csy.) 92–446 Tex.
58. bifasciata (Gerst.) 60–393 Mex. Tex.
59. alternata Pierce 12–163 Ariz.
(*Philopuntia* Pierce 12–163)
60. nobilis (Lec.) 76–241 Tex.
61. basalis (Lec.) 76–241 Colo.Wy.Neb.
62. porosa (Lec.) 76–242 Kan.Tex.Ariz.
63. clathrata (Lec.) 76–242 Colo.Ariz.Tex.
64. opuntiæ Pierce 12–165 Tex.
65. fasciata Pierce 12–166 Fla.
66. cactophaga Pierce 12–166 Tex.
67. turbida (Lec.) 76–242 Ariz.

Apteromechus Faust 96–82
17968. ferratus (Say) 31–28 N.Y.Mich.Fla.

Micromastus Lec. 76–246
17969. gracilis (Boh.) 58–140 Cal.

Cryptorhynchus Ill. 07–330
17970. parochus (Hbst.) 97–55 Can.Fla.Ia.
71. bisignatus Say 31–19 Can.Fla.Tex.
luctuosus Boh. 37–146
misellus Boh. 37–120

Cryptorhynchus Ill.
a. tessellatus Blatch. 16–509 Fla.
b. obliquefasciatus Boh. 45–349 N.C.
17972. pumilus Boh. 37–122 Ont.Fla.Ind.
73. fuscatus Lec. 76–251 Mich.Fla. Miss.
74. lapathi (L.) 46–591 Sib. †Eur.Me. Dak.D.C.N.J. N.Y.
75. obliquus Say 31–28 N.J. Va. La.
umbrosus Boh. 37–116
76. helvus Lec. 78–431 Fla.
77. brachialis Lec. 84–31 Tex.
78. lutosus Lec. 84–31 Fla.
79. lucanus Fall 09–168 L.Cal.
80. obtentus (Hbst.) 97–38 N.Y.Fla.La.
ypsilon Boh. 37–100 N.C. [Ill.
81. fallax Lec. 76–253 Ont.Fla.Tex.
82. minutissimus Lec. 76–254 Pa.Fla.La.
83. apiculatus Gyll. 37–121 Fla.
84. longus (Lec.) 76–248 Fla. Cuba
85. schwarzi Blatch. 16–514 Fla.
tylodermoides Sz. mss.
86. tristis Lec. 76–255 N.Y.D.C. Kan.
87. oblongus Lec. 76–256 N.J. Fla.Tex.
88. lacteicollis Champ. 05–650 Ariz. Mex.

Macromerus Schön. 26–284
17989. moestus (Lec.) 24–171 Ga.

Zascelis Lec. 76–256
17990. serripes Lec. 76–257 L.Cal.
91. squamigera Lec. 76–257 L.Cal.
92. irrorata Lec. 76–257 Cal.Nev.Colo.
93. oblonga Horn 95–256 Ariz. [Ariz.

Coelosternus Schön. 26–284
(*Leiomerus* Boh. 44–266)
17994. hispidulus Lec. 76–258 L.Cal.
95. granicollis Pierce 16–469 †Brazil, D.C.

Baropsis Lec. 76–258
17996. cribratus Lec. 76–259 Kan. Tex.

Liometophilus Fall 12–10
17997. manni Fall 12–10 Ariz.

THECESTERNINÆ

(*Byrsopidæ*)
Pierce 09

Thecesternus Say 31–8
(*Lithodus* Germ. 34–420)
17998. foveolatus Pierce 09–335 Tex.
99. hirsutus Pierce 09–336 Tex.
18000. morbillosus Lec. 56–19
01. longior Lec. 56–19
02. humeralis (Say) 27–254 Colo.Neb.
rectus Lec. 56–18 [Kan.Mo.

Thecesternus Say
18003. maculosus Pierce 09–337 Tex.
04. albidus Pierce 09–338 N.Mex.
05. affinis Lec. 56–18 Colo.Mo.Ind. Ill.Tenn.Ky.
rudis Lec. 56–18
erosus Lec. 56–18

COSSONINÆ

Horn 73; Casey 92; Van Dyke 15; Blatchley & Leng 16

ACAMPTINI

Acamptus Lec. 76–238
18006. rigidus Lec. 76–239 Ont.Fla.Tex.

Acamptus Lec.
18007. echinus Csy. 95–837 Ariz. (Ohio?)

[1] Genera so marked, with Pseudomopsis, constitute the subtribe, Tylodina (Pierce 12–160).
† Introduced.

ANCHONINI

Anchonus Schön. 26–257
18008. floridanus Sz. 93–42 Fla.
09. duryi Blatch. 16–521 Fla.

Gononotus Lec. 76–336
18010. angulicollis (Suffr.) 72–181 Fla. Cuba
lutosus Lec. 76–337

Metopotoma Csy. 92–689
18011. repens Csy. 92–690 No.Cal.

Typhloglymma Dury 01–243
18012. puteolatum Dury 01–243 Ohio

DRYOPHTHORINI

Dryophthorus Schön. 26–332
18013. americanus Bedel 85–192 Can.Fla.Wis.
corticalis || Say 31–24
— bituberculatus (Fab.) 75–171
New Zealand

Dryotribus Horn 73–433
18014. mimeticus Horn 73–433 Fla.

?LYMANTIDES (Horn 73–434)

Lymantes Schön. 38–1085
18015. scrobicollis Gyll. 38–1086 "Amer.bor."

COSSONINI

Himatinum Ckll. 06–243
(*Himatium* || Woll. 68–451)
18016. errans Lec. 76–427 N.S.-Fla.-Ohio
a. parvula Blatch. 16–527 Fla.
b. nigritulum Csy. 92–691 Fla.
c. conicum Lec. 80–218 Conn.-Va.

Trichacorynus Blatch. 16–528
18017. brunneus Blatch. 16–528 Ind.

Carphonotus Csy. 92–694
18018. testaceus Csy. 92–694 Minn.Ont.
N.H. Nfld.

Cossonus Clairv. 98–58
(Van Dyke 15–16)
18019. hamiltoni Slosson 99–193 Fla.
20. platalea Say 31–24 Can.Va.Ia.
bohemani Horn 73–438
21. subareatus Boh. 45–266 Mich.-Kan.
22. pacificus VanD. 16–74 Cal.
23. piniphilus Boh. 38–1002 Cal.Or.Wash.
scrobiculatus Lec. 59–285
californicus Mots. 45–99
24. lupini VanD. 15–10 Cal.
25. impressus Boh. 38–1019 Fla.W.I.
impressifrons ‡ Horn 73–440 [C.Am.
26. ponderosæ VanD. 15–13 Cal.
27. quadricollis VanD. 15–14 Cal.
28. texanus VanD. 15–15 Tex.
29. schwarzi VanD. 16–76 Ariz.
30. ellipticollis VanD. 15–17 Cal.
31. impressifrons Boh. 38–1001 Can.Ga.Ariz.
concinnus Boh. 38–1006
32. hubbardi Sz. 99–10 Ariz.(L.Cal.?)
33. fossicollis VanD. 16–78 Ariz.
34. crenatus Horn 73–440 Or.L.Cal.
N.Mex.So.Cal.
Ariz.
35. corticola Say 31–24 N.Y. Fla.
minor (Woll.) 73–627 [C.Am.

Cossonus Clairv.
18036. falli Champ. 09–55 L.Cal.
sulcirostris || Fall 09–169

Macrancylus Lec. 76–338
18037. linearis Lec. 76–339 Fla.W.I.

Stenancylus Csy. 92–693
18038. colomboi Csy. 92–693 Fla. W.I.

Allomimus Lec. 76–339
(?*Stenomimus* Woll. 73–480)
18039. dubius Horn 73–442 Mich.Fla.Tex.
40. corticalis Boh. 45–284 N.C. Fla.
politus Csy. 92–692 Tex.

Stenomimus Woll. 73–480
18041. pallidus Boh. 45–279 Pa.O.Ind.Ill.

Caulophilus Woll. 54–315
18042. latinasus (Say) 31–30 S.C.Fla.W.I.
pinguis (Horn) 73–442 Ga. Fla.
?sculpturatus Woll. 54–315 Madeira

Apotrepus Csy. 92–695
18043. densicollis Csy. 92–695 Ariz.

Mesites Schön. 38–1043
18044. subcylindricus (Horn) 73–441
Del.N.J.N.Y.
45. rufipennis Lec. 78–432 [1] Fla. Ga.

Elassoptes Horn 73–436
18046. marinus Horn 73–436 Cal. So.Cal.

Nanus Schön. 44–89
(*Homaloxenus* Woll. 73–615)
— uniformis Boh. 44–90 Porto Rico,
dentipes Woll. 73–615 [Fla.?

RHYNCOLINI

Phlœophagus Schön. 38–1047
18047. apionides Horn 73–443 Can.N.Eng.
Mich. D.C.
48. variolatus Dury 16–14 Ohio

Phlœophagus Schön.
18049. minor Horn 73–443 N.Y.Mich.
Neb. Va.

[1] Lugger (Proc. Ent. Soc. Wash. I, p. 36) says this is only immature form of subcylindricus.

Phlœophagus Schön.
18050. spadix (Hbst.) 95–256 †Eur.N.Y. N.J.

Tomolips Woll. 73–501
(*Wollastonia* || Horn 73–433)
(*Wollastoniella* Ckll. 06–243)
(*Parahornia* Ckll. 06–349)
18051. quercicola (Boh.) 45–281 N.Eng.Fla. Ind. C.Am.

Pseudopentarthrum Woll. 73–445
18052. simplex Csy. 92–697 Neb.Miss.Ind.
53. robustum Csy. 92–697 Tex.

Nyssonotus Csy. 92–701
18054. seriatus Csy. 92–701 Tex.

Pentarthrinus Csy. 92–698
(*?Amaurorhinus* Fairm. 60–629)
18055. nitens (Horn) 73–434 Fla.D.C.Ohio
56. parvicollis Csy. 92–699 Pa.Va.N.J. N.Y.
57. piceus Csy. 92–700 Fla.Ind.Ohio
58. atrolucens Csy. 92–700 Fla.
59. anonus Blatch. 16–543 Fla.

Hexarthrum Woll. 60–448
18060. ulkei Horn 73–446 N.Y.N.J.D.C.

Rhamphocolus Csy. 92–702
18061. tenuis Csy. 92–703 Tex.

Rhyncolus Germ. 24–307
18062. oregonensis Horn 73–445 Or.Cal.Mich. N.J.N.C. So.Cal.Ariz.
63. pallens Csy. 92–703 Cal.
64. spretus Csy. 92–704 Cal. So.Cal.
65. angularis Lec. 58–81 So.Cal.
66. dilatatus Csy. 92–704 Cal.
67. relictus Csy. 92–705 N.Mex.
68. nimius Csy. 92–706 N.Mex.
69. discors Csy. 92–707 Fla.
70. brunneus Mann. 43–295 Alas.Can.N.Y. Vanc.N.Mex.
71. carinatus Blatch. 16–545 Ind.
72. dorsalis Lec. 58–81 So.Cal.

Stenoscelis Woll. 61–141
18073. brevis (Boh.) 45–282 Can.Fla.Kan.

Liolepta Blatch. 16–546
18074. stenosoma Blatch. 16–546 Fla.

Macrorhyncolus Woll. 73–33
18075. protractus (Horn) 73–444 So.Cal.

HORMOPINI

Hormops Lec. 76–321
18076. abducens Lec. 76–321 Fla. D.C.

CALENDRINÆ

Horn 73; Chittenden 04, 05, 06

RHYNCHOPHORINI

Rhynchophorus Hbst. 95–3
18077. cruentatus (Fab.) 75–128 S.C.Fla.La.
a. zimmermanni Fähr. 45–219 S.C.Fla.La.

Rhynchophorus Hbst.
18078. palmarum (L.) 64–42 C.Am.L.Cal.

SPHENOPHORINI

Scyphophorus Schön. 38–855
18079. acupunctatus Gyll. 38–857 Mex.-So.Cal. Colo. Ariz.
asperulus Lec. 57–58
?interstitialis Gyll. 38–858 Haiti, Cuba
80. robustior Horn 73–409 Tex. So.Cal.
81. yuccæ Horn 73–410 So.Cal.

Metamasius Horn 73–410
18082. sericeus (Latr.) 11–206 So.Cal.C.Am.

Eucactophagus Champ. 10–96
18083. graphipterus Champ. 10–96 †C.Am.Conn.
84. weissi Barber 17–21 †S.Am.? N.J.

Cactophagus Lec. 76–331
18085. validus (Lec.) 58–80 So.Cal.Ariz.
procerus (Lec.) 58–80
86. subnitens Csy. 92–685 Ariz.

Rhodobænus Lec. 76–332
18087. tredecimpunctatus (Ill.) 91–613 U.S.So.Cal.
cribrarius (Oliv.) 95–88 N.C. [Ariz.

Rhodobænus Lec.
variabilis (Gyll.) 38–899 Fla.
anceps (Gyll.) 38–894 N.Am.
leptocerus Panz 93–57 N.Am.
14-punctatus Voet 06–50 N.Am.
obscurus Voet 06–50 N.Am.
maculatus Sturm 26–106 N.C.
implicatus Gyll. 38–901 Mex.
lebasi Gyll. 38–902 S.Am.
a. pulchellus (Schön.) 38–898
b. quinquepunctatus (Say) 24–9 N.C. Fla.
18088. pustulosus Gyll. 38–923 Ariz.N.Mex. Fla.

Sphenophorus Schön. 38–874
A
18089. simplex Lec. 59–70 So.Cal. Ut.
90. mormon Chitt. 04–128 Ut.-Wash.
91. distichlidis Chitt. 04–130 Cal.
92. vomerinus Lec. 58–81 Colo.Ariz. So.Cal.
93. graminis Chitt. 06–168 Ut.-Or.
94. subopacus Chitt. 06–169 Cal.

† Introduced.

Sphenophorus Schön.

18095. monterensis Chitt. 06–169 Cal.
96. nevadensis Chitt. 06–172 Cal. Nev.
97. baridioides Horn 73–413 Cal.
98. nlkei Horn 73–413 Neb.Wy. N.Mex.

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99. diversus Chitt. 06–170 Cal. Wash.
18100. subulatus Chitt. 06–173 N.Mex.

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01. inæqualis (Say) 31–23 N.Y.Fla.Tex.
contractus Gyll. 38–953

B

02. æqnalis Gyll. 38–941 N.Y.D.C. Dak.
03. ochreus Lec. 58–80 Ariz.Ut.Mex.
04. discolor Mann. 43–293 Cal.
05. pictus Lec. 58–80 Cal. So.Cal.
06. latinasus Horn 73–421 Ga.
07. striatipennis Chitt. 06–180 Ind.Mich.Cal. Tex.

C.

08. pertinax (Oliv.) 07–83 Can.Fla.Ut.
truncatus (Say) 31–22 [So.Cal.
?canaliculatus Boh. 45–253
?interstitialis (Say) 31–21
a. australis Chitt. 05–53 La. Ariz.
b. typhæ Chitt. 05–53 So.Cal. Nev.
09. abrasus Chitt. 05–54 Cal.
10. setiger Chitt. 05–55 Vt.Dak.Tex.
11. ludovicianus Chitt. 05–55 La. Tex.
12. peninsularis Chitt. 05–56 Fla.
13. robustus Horn 73–419 Ill.Minn.Cal.
14. costipennis Horn 73–420 No.St.Can. Wash.
15. villosiventris Chitt. 05–58 Mass. Va.
16. laevigatus Chitt. 05–58 Ut.
17. maidis Chitt. 05–59 S.C.Ala.Kan. Tex.
18. velutinus Lec. 76–424 Fla. La.
19. soltani Chitt. 06–178 Pa.Colo.Tex.
20. cariosus (Oliv.) 07–91 N.Eng. Fla.
sculptilis Uhler 55–416
callosus ‡ Lec. Horn
larvalis (Germ.) 24–301
cicatricosus (Say) 31–22
flexuosus Gyll. 38–940

D.

21. gentilis Lec. 57–58 Cal. So.Cal.
22. parvulus Gyll. 38–961 N.Eng.Fla. Mich. Tex.
23. minimus Hart 90–65 N.Y.Fla.Ill.
24. marinus Chitt. 06–166 N.J. [Tex.
25. chittendeni Blatch.16–565 Fla.

Sphenophorus Schön.

18126. retusus Gyll. 38–549 Mass. Fla.
27. arizonensis Horn 73–428 Ariz.
28. falli Chitt. 06–172 N.Mex.
29. gagatinus Gyll. 38–952 N.J. Ga.
?neeydaloides (Fab.) 01–435
30. tardus Fall 01–269 So.Cal.
31. destructor Chitt. 06–174 N.J.Ind.Tex.
32. zeæ Walsh 67–117 N.Eng.Fla. Mich. Kan.
33. scoparius Horn 73–424 Wis.Kan.Neb.
34. blanchardi Chitt. 06–179 Tex.
35. callosus (Oliv.) 07–92 Me.Fla.Wis.
sculptilis ‡ Horn 73–424 [Ariz.
a. sublævis Chitt. 06–176 Ind.Wis.Mo.
36. melanocephalus (Fab.) 01–435 N.Eng.Ga. Mich. Kan.
nubilus Gyll. 38–938
37. sayi Gyll. 38–943 (So.Cal.?)N.J. Ga. Ill.
38. subcarinatus Mann. 43–294 Alas.Cal. (Ind.?)
39. apicalis Lec. 78–432 Fla. N.J.
40. pontederiæ Chitt. 05–63 N.J.Fla.Tex.
41. venatus (Say) 31–22 Me. Wis.
placidus (Say) 31–23 (So.Cal.?)
rectus (Say) 31–23
immunis (Say) 31–23
confusus Gyll. 38–944
fallax Boh. 45–256
42. confluens Chitt. 04–133 Or.
43. vestitus Chitt. 04–134 Ga.Fla.-La.
44. neomexicanus Chitt.04–134 N.Mex.
45. phoeniciensis Chitt. 04–135 Ariz. Cal.
46. reticulaticollis Boh. 45–247 D.C.Tex.Cal.
47. coactorum Chitt. 04–136 Tex.
48. cultellatus Horn 73–429 Kan. Tex.
49. compressirostris (Say) 23–319 Kan. Tex.
cultirostris Gyll. 38–951
50. germari Horn 73–430 Fla.Kan.Tex.
compressirostris ‡ Germ. 24–300
51. incongruus Chitt. 05–61 Wis.Md.Ind.
52. robustior Chitt. 05–62 Ill.
53. pumilus Schön. 38–960 ?
54. variolosus Lec. 76–424 Colo.
55. oblitus Lec. 76–425 Tex.
— fasciatus (Fab.) 98–398 not N.Am.

Trichischius Lec. 76–426

18156. crenatus Lec. 76–426 Colo.

CALENDRINI

Calendra Clairv. 98–62
(*Calandra* ‡ auct.)
(*Sitophilus* Schön. 38–979)

18157. granaria (L.) 58–378 †Eur.Can. Ariz. So.Cal.
remotepunctata (Gyll.) 38–979

Calendra Clairv.

18158. linearis (Hbst.) 97–5 †W.I.Atl.St.
59. oryzæ (L.) 63–395 †Eur.U.S. So.Cal. Alas.
a. zea-mais Mots. 55–77 †S.Am.Fla.
60. rugicollis Csy. 92–687 So.Fla. [Tex.

RHININI

Yuccaborus Lec. 76–333

18161. frontalis (Lec.) 74–70 So.Cal.
62. grossus Csy. 92–689 Ariz. Tex.

Yuccaborus Lec.

18163. lentiginosus Csy. 04–323 Tex.

† Introduced.

SCOLYTOIDEA

(Hopk.) Pierce 16. *IPOIDEA* Swaine 18[1]

Chapuis 66, 69; Zimmermann & Leconte 68; Leconte 76; Lindemann 76; Eichhoff 78, 81; Schwarz 87, 99; Bedel 88; Hopkins 93, 15; Reitter 94, 13; Blandford 95, 05; Hubbard 97; Tredl 07; Pierce 07, 16; Swaine 09, 18; Nüsslin 10, 13; Hagedorn 10; Fuchs 11; Barbey 13.

PLATYPODIDÆ

Chapuis 66; Leconte 76; Blatchley & Leng 16

Platypus Hbst. 93–128
(*Cylindra* Ill. 25–87)
18164. flavicornis (Fab.) 76–212 N.J.Fla.Mex.
bidentatus Dej. 37–333
a. disciporus Chap. 66–219
65. quadridentatus(Oliv.)95–3 W.Va.Fla.
blanchardi Chap. 66–185 [Tex.
66. compositus Say 28–324 Del. Fla.
tremiferus Chap. 66–176 Ill. Tex.
perfossus Chap. 66–176

Platypus Hbst.
rugosus Chap. 66–176
?parallelus (Fab.) 01–384
18167. punctulatus Chap. 66–199 †L.I.Tex. C.Am.
rugulosus Chap. 66–192 L.Cal.C.Am.
reticulatus Chap. 66–194
emarginatus Chap. 66–199
68. wilsoni Sw. 15–48 B.C.Wash.Or.

SCOLYTIDÆ

(*Ipidæ* auct.)

SCOLYTINÆ

(*Eccoptogasterinæ*)

SCOLYTINI

Scolytus Geoff. 62–309
(*Eccoptogaster* Hbst. 93–124)
(*Coptogaster* Ill. 07–321)
18169. quadrispinosus Say 24–323 E.U.S. Que.
caryæ Riley 67– Ga.Mo.Ut.
70. muticus Say 24–323 N.J.Ind.Mo.
71. rugulosus Ratz. 37–187 †Eur.Can.Tex.
72. fagi Walsh 67–38 Ill. Tex.
73. multistriatus (Marsh.) 02–54 †Eur. Mass.

Scolytus Geoff.
18174. piceæ (Sw.) 10–34 Que. Ind.
75. unispinosus Lec. 76–371 B.C. N.Mex.
76. californicus Lec. 68–165 Cal. N.Mex.
77. tsugæ (Sw.) 17–32 B.C. Alb.
78. monticolæ (Sw.) 17–32 B.C.
79. sulcatus Lec. 68–167 N.Y.
80. præceps Lec. 76–371 Cal.Id.N.Mex.
81. ventralis Lec. 68–167 Vanc. Wash.
82. subscaber Lec. 76–371 Cal. Ut.

CAMPTOCERINI

Loganius Chap. 69–52
18183. ficus Sz. 94–44 Fla.

HEXACOLINI

Erineophilus Hopk. 02–34
18184. schwarzi Hopk. 02–34 Fla.

BOTHROSTERNINI

Bothrosternus Eich. 68–150
18185. hubbardi Sz. 86–54 Fla.

Cnesinus Lec. 68–171
(*Nemophilus* Chap. 69–27)

Cnesinus Lec.
18186. strigicollis Lec. 68–171 N.J. Fla.
strigillatus (Chap.) 69–27 Mich. Tex.

Pagiocerus Eich. 68–148
18187. rimosus Eich. 68–148 Fla. Cuba

HYLESININÆ

CRYPTURGINI[2]

Crypturgus Er. 36–60
18188. atomus Lec. 68–152 N.S.L.Sup. W.Va.

Crypturgus Er.
18189. alutaceus Sz. 93–17 N.J. Fla.
90. borealis Sw. 17–7 B.C. Colo.

[1] Prepared with the assistance of Mr. J. M. Swaine.

[2] The division here given of subfamilies Hylesininæ and Ipinæ into tribes is subject to further revision and does not represent Mr. Swaine's personal opinion. In the present state of our knowledge he would prefer no such division.

† Introduced.

Crypturgus Er.
18191. corrugatus Sw. 17–8 Pa.

Dolurgus Eich. 68–147
18192. pumilus (Mann.) 43–297 Alas. Or.

Polygraphus Er. 36–57
(*Lepisomus* Kby. 37–193)
18193. rufipennis (Kby.) 37–193 Alas. Can.
nigriceps (Kby.) 37–194 Nfld. [No.U.S.
?brevicornis (Kby.) 37–194 H.B.T.
saginatus Mann. 53–237 Alas.

Renocis Csy. 86–257
18194. heterodoxus Csy. 86–258 Nev.

Carphoborus Eich. 64–27
18195. carri Sw. 17–16 Alb. Man.

Carphoborus Eich.
18196. bicristatus Chap. 69–97 Ga.
97. bifurcus Eich. 68–147 N.J. Fla. Tenn.
98. simplex Lec. 76–383 Cal. So.Cal.
99. radiatæ Sw. 18–56 Cal.

Pseudocryphalus Sw. 17–20
18200. brittaini Sw. 17–20 B.C.
01. criddlei Sw. 17–21 Man.

Chramesus Lec. 68–168
(*Rhopalopleurus* Chap. 69–46)
18202. hicoriæ Lec. 68–168 E.Can.E.U.S.
lecontei (Chap.) 69–103
a. chapuisi Lec. 76–375 La.
03. asperatus Schffr. 08–220 Ariz.
04. dentatus Schffr. 08–221 Ariz.
05. subopacus Schffr. 08–221 Ariz.

PHLŒOTRIBINI AND HYLESININI

Phthorophlœus Rey 83–128
(*Phlœophthorus* ‡ auct. nec Woll. 54–299)
(*Phlœotribus* ‡ auct. nec Latr. 96–50)
18206. liminaris (Harr.) 52–78 Can. Tenn.
07. frontalis (Oliv.) 95–78 Pa. Fla. Ia.
granicollis (Eich.) 68–149
08. puberulus (Lec.) 79–519 Colo.
09. piceæ Sw. 11–220 Que. Ont.
10. scabricollis (Hopk.) 16–656 Ind.
11. texanus (Schffr.) 08–222 Tex.

Dendroctonus Er. 36–52 (Hopk. 09)
18212. brevicomis Lec. 76–386 B.C.Cal.Mont.
frontalis ‡ Dz. 90–32
13. barberi Hopk. 09–85 Colo.Ut.
N.Mex.
frontalis ‡ Dz. 90–32 Ariz. So.Cal.?
14. convexifrons Hopk. 09–87 Ariz.Colo.Ut.
approximatus Dz. 90–31 (pars)
N.Mex.
15. frontalis Zimm. 68–149 N.J. Fla. Tex.
destructor Hopk. 02–21
16. arizonicus Hopk. 09–95 Ariz.
17. approximatus Dz. 90–31 Ariz.-Colo.
18. monticolæ Hopk. 09–105 B.C.Cal.Wy.
19. ponderosæ Hopk. 09–109 Ariz. Wy.
20. jeffreyi Hopk. 09–114 Cal.
21. simplex Lec. 68–173 Alas.Me.
W.Va.Can.
22. pseudotsugæ Hopk. 09–121 Vanc.N.Mex.
23. piceaperda Hopk. 09–126 Nfld. Mich.
rufipennis ‡ auct. nec Kby. [Pa.
24. engelmanni Hopk. 09–130 B.C. Ariz.
25. borealis Hopk. 09–123 Alas. Alb.B.C.
Lab.?
26. obesus (Mann.) 43–296 Alas. Or.
similis Lec. 60–59
27. rufipennis (Kby.) 37–195 Can. Mich.
28. murrayanæ Hopk. 09–140 Colo.Wy.Alb.
29. punctatus Lec. 68–173 Pa. [B.C.
30. terebrans (Oliv.) 95–6 Fla. Tex.
31. valens Lec. 60–59 Can.U.S.

Phlœosinus Chap. 69–37
18232. pini Sw. 15–361 Man.
33. hoppingi Sw. 15–364 Cal.
34. minutus Sw. 17–9 Cal.

Phlœosinus Chap.
18235. punctatus Lec. 76–381 B.C. W.U.S.
36. vandykei Sw. 15–365 Cal. [Colo.
37. canadensis Sw. 17–18 Que. E.U.S.
38. dentatus (Say) 25–258 E. & So. U.S.
?graniger (Eich.) 68–147 Tex.
?haagi (Eich.) 68–148 Am. bor.
39. serratus (Lec.) 68–170 N.Y.
40. utahensis Sw. 15–362 Ut.
41. cupressi Hopk. 03–35 Cal.
42. cristatus Lec. 68–170 Cal.
43. sequoiæ Hopk. 03–33 B.C. Cal.
44. rugosus Sw. 17–9 Cal.
45. juniperi Sw. 17–10 Cal.

Chætophlœus Lec. 76–382
18246. hystrix (Lec.) 58–81 Cal. So.Cal.

Leperisinus Reitt. 13–41
(*Hylesinus* ‡ auct. nec Fab. 01–390)
(*Ptelcobius* ‡ auct. nec Bedel 88–411)
18247. fasciatus (Lec.) 68–170 N.Y.D.C.Ind.
48. imperialis (Eich.) 68–149 Wis. Ariz.
49. californicus Sw. 16–190 Cal.
50. cinereus Sw. 17–15 Que. Mass.
51. pruinosus (Eich.) 68–149 Pa. Mich.
Tenn.
52. aculeatus (Say) 23–322 N.S. E.Can.
E.U.S.
53. criddlei Sw. 18–92 Que. Man.

Scierus Lec. 76–390
18254. annectens Lec. 76–390 E.Can.Me.
Vanc.

Hylastinus Bedel 88–388
18255. obscurus (Marsh.) 02–57 †Eur.Can.Ind.
trifolii (Müller) 07–47 [Pa.

Alniphagus Sw. 18–73
18256. aspericollis (Lec.) 76–379 B.C. So.Cal.

Hylurgopinus Sw. 18–74
18257. rufipes (Eich.) 68–147 Can. Va. Ind.
opaculus (Lec.) 68–170

Pseudohylesinus Sw. 17–11
18258. granulatus (Lec.) 68–175 B.C. Cal.
59. nobilis Sw. 17–12 Or.

† Introduced.

Pseudohylesinus Sw.
18260. tsngæ Sw. 17–11 B.C.
61. obesus Sw. 17–15 B.C.
62. sitchensis Sw. 17–12 B.C.
63. grandis Sw. 17–13 B.C. Cal. Id.
64. sericeus (Mann.) 43–296 Alas. [Colo.
65. nebulosus (Lec.) 59–285 B.C. Cal.

Hylurgops Lec. 76–389
18266. grandicollis Sw. 17–17 N.Mex. Cal.
67. pinifex (Fitch) 51–43 E.U.S. Can.
68. rugipennis(Mann.)43–297 Alas.Ariz.B.C.
69. knansi Sw. 17–17 N.Mex.
70. porosus (Lec.) 68–175 B.C. Nev. Ut.
71. lecontei Sw. 17–16 B.C. N.Mex.
72. subcostulatus (Mann.) 53–239 Alas. N. Mex.
alternans (Chap.) 69–22 [B.C.
— cristatus (Mann.) 53–239 Alas.

Hylastes Er. 36–47
(*Tomicus* Latr. Sw. 09–144)
18273. salebrosus Eich. 68–146 E.U.S. Can.
porculus ‡ Lec. 76–389
scabripennis Zimm. 68–149

Hylastes Er.
18274. scaber Sw. 17–18 D.C.Va.Tenn.
75. asper Sw. 17–19 Colo.
76. porculus Er. 36–49 Me.Fla. E.Can.
carbonarius Fitch 51–730 Mich. Colo.
cavernosus Zimm. 68–149
granosus Chap. 69–73
77. scobinosus Eich. 68–148 ?
78. nigrinus (Mann.) 52–356 Alas. So.Cal.
79. nitidus Sw. 17–19 N.Mex.
80. longus Lec. 76–388 Colo. So.Cal.
81. macer Lec. 68–175 B.C. So.Cal.
82. ruber Sw. 15–366 B.C. [Neb.
83. gracilis Lec. 68–174 Cal. Ariz.
84. longicollis Sw. 18–79 Id.
85. tenuis Eich. 68–147 Fla. Tex.
86. exilis Chap. 69–76 Fla.

Tomicus Latr. 02–203
(*Myelophilus* Eich. 78–400)
(*Blastophagus* || Eich. 64–25)
18287. piniperda (L.) 58–563 †Eur. N.J.?
analogus (Lec.) 68–172 N.Y.?

MICRACINÆ

Micracis Lec. 68–164
18288. suturalis Lec. 68–165 Mass. Mich.
aeneatus Lec. 68–165 Va. La.
89. nanula Lec. 76–368 Fla.
90. rudis Lec. 76–368 D.C. Ind. Mich.
91. opacicollis Lec. 78–625 D.C. N.Y. Mich.
92. asperulus Lec. 78–626 Va. Pa. Mich.

Micracis Lec.
18293. hirtellus Lec. 76–368 Cal. So.Cal.

Thysanoes Lec. 76–369
18294. fimbricornis Lec. 76–370 D.C. Pa. N.J.
95. rigidus (Lec.) 76–362 Can. Mich.

Cactopinus Sz. 99–11
18296. hubbardi Sz. 99–11 Ariz.

IPINÆ

CORTHYLINI

Monarthrum Kirsch 66–213
(*Pterocyclon* Eich. 68–276)
18297. scutellare (Lec.) 60–59 Cal. So.Cal.
cavus (Lec.) 68–153
98. fasciatum (Say) 25–255 Can. Fla.
simile (Eich.) 68–277
a. gracile (Eich.) 78–444 Pa.N.C.Tenn.
99. mali (Fitch) 55–5 Can. Fla.
longulum (Eich.) 68–278
18300. dentiger (Lec.) 68–154 Cal. So.Cal.

Corthylus Er. 36–64
(*Morizus* Ferr. 67–59)
18301 punctatissimus (Zimm.) 68–144 E.&W.St.
02. columbianus Hopk.94–313 Mass. Mich.
03. spinifer Sz. 91–114 Fla. [Va.

Xyloterinus Sw. 18–83
18304. politus (Say) 28–256 E.U.S. E.Can.
?unicolor (Eich.) 71–136

Trypodendron Steph. 30–353
(*Xyloterus* Er. 36–60)
(*Ipate* ‡ Kby. 37–192)
18305. scabricollis (Lec.) 68–158 N.Mex. N.Y.
06. retusum (Lec.) 68–158 Can. W.Va.
07. betulæ Sw. 11–216 Ont.Que.N.S.?
08. cavifrons (Mann.) 43–297 Alas. B.C.
a. vittiger (Eich.) 81–299
09. bivittatum (Kby.) 37–192 E.Can. Alb. E.U.S. N.Mex.?
10. borealis Sw. 17–21 Alb. Sask.
11. rufitarsis (Kby.) 37–193 Ont.Man. H.B.T.
12. ponderosæ Sw. 17–21 B.C. Or. Cal.

CRYPHALINI

Cosmoderes Eich. 79–495
18313. schwarzi Hopk. 15–11 Fla.

Trischidias Hopk. 15–12
18314. georgiæ Hopk. 15–12 Ga.

Hypothenemus Westw. 34–34
I.
18315. miles (Lec.) 78–433 Fla.

Hypothenemus Westw.
IIA.
18316. atomus Hopk. 15–15 W.Va.N.J.
17. impressifrons Hopk. 15–15 W.Va.
18. marylandicæ Hopk. 15–15 S.C.
19. robiniæ Hopk. 15–15 Md.
20. toxicodendri Hopk. 15–15 W.Va.
IIB.
21. hispidulus (Lec.) 68–156 N.J.Fla.La.

† Introduced.

Hypothenemus Westw.
18322. pruni Hopk. 15–16 N.C.
23. rumseyi Hopk. 15–16 W.Va.
24. asiminæ Hopk. 15–16 Md.
25. hamamelidis Hopk. 15–16 W.Va. N.J.
ruficollis Hopk. mss.
26. thoracicus Hopk. 16–598 Ind.
27. columbi Hopk. 15–18 Tex.
28. rufopalliatus Hopk. 15–18 S.C.
29. punctifrons Hopk. 15–18 Fla.
?eruditus ‡ auct. nec Westw.
30. californicus Hopk. 15–19 Cal.
31. tritici Hopk. 15–19 Tex.
32. subelongatus Hopk. 15–19 Tex.
33. nigripennis Hopk. 15–19 La.
34. pubescens Hopk. 15–19 Fla.
35. sparsus Hopk. 15–20 Tex.
36. similis Hopk. 15–20 Tex.
37. striatus (Lec.) 68–156 Cal. So.Cal.

Stephanoderes Eich. 71–132
(*Homæcryphalus* Lind. 76–168)
18338. evonymi Hopk. 15–26 W.Va.
39. seriatus Eich. 71–133 La.
40. georgiæ Hopk. 15–26 Ga.
41. texanus Hopk. 15–26 Tex.
42. lecontei Hopk. 15–27 W.Va.
43. pini Hopk. 15–27 W.Va.
44. salicis Hopk. 15–27 W.Va.
45. floridensis Hopk. 15–27 Fla.
46. ficus Hopk. 15–28 Ala.
47. soltani Hopk. 15–28 La.
48. interstitialis Hopk. 15–28 Tex.
49. interpunctus Hopk. 15–28 Tex.
50. virentis Hopk. 15–28 Fla.
51. pecanis Hopk. 15–29 Fla.
52. approximatus Hopk. 15–29 Tex.
53. rufescens Hopk. 15–29 Pa.
54. flavescens Hopk. 15–29 Fla.
55. opacipennis Hopk. 15–30 D.C.
56. quadridentatus Hopk. 15–30 W.Va.
57. brunneus Hopk. 15–31 Tex.
58. frontalis Hopk. 15–31 Tex.
59. tridentatus Hopk. 15–31 Tex.
60. niger Hopk. 15–31 Tex.
61. rotundicollis Eich. 78–145 (Tenn.?) Fla.
62. quercus Hopk. 15–32 W.Va.
63. erectus (Lec.) 76–356 N.J.W.Va.Tex.
64. brunneicollis Hopk. 15–33 Tex.
65. sculpturatus Eich. 78–146 Tenn.
66. chapuisi Eich. 71–132 Tex. Ga.

Stephanoderes Eich.
18367. dissimilis (Zimm.) 68–144 N.C. Ga. L.Sup.

Cryphalus Er. 36–61
18368. pubescens Hopk. 15–40 Wash.
69. subconcentralis Hopk. 15–40 B.C.Vanc.Or.
70. rubentis Hopk. 15–40 W.Va. Pa.
71. ruficollis Hopk. 15–40 Ut.
72. fraseri Hopk. 15–40 N.C.
73. canadensis Chamb. 18–88 B.C.
74. grandis Chamb. 17–323 Cal.
75. amabilis Chamb. 17–321 Cal.
76. approximatus Hopk. 15–41 Id.
77. balsameus Hopk. 15–41 E.U.S. Can.
— terminalis (Mann.)43–298 Cal.

Ernoporides Hopk. 15–34
18378. floridensis Hopk. 15–34 Fla.

Letznerella Reitt. 13–68
(*Coccotrypes* ‡ auct. nec Eich.)
18379. jalappæ (Letzn.) 44–99 †Eur.Mex. U.S.

Ernoporus Thoms. 59–147
18380. kanawhæ Hopk. 15–35 W.Va.

Coccotrypes Eich. 79–308
18381. robustus (Eich.) 71–131 Cuba (U.S.?)
82. pygmæus (Eich.) 78–310 Fla.
83. bassiævorus Hopk. 15–47 D.C.
84. dactyliperda (Fab.) 01–387 †Asia, D.C.

Spermatoplex Hopk. 15–48
18385. rhizophoræ Hopk. 15–48 Fla.

Procryphalus Hopk. 15–33
18386. mucronatus (Lec.) 79–518 Colo.
87. aceris Hopk. 15–33 Or.
88. utahensis Hopk. 15–33 Ut.
89. striatulus (Mann.) 53–235 Alas.(N.Y.?)
90. salicis Hopk. 15–33 S.Dak.
91. idahoensis Hopk. 15–34 Id.
92. populi Hopk. 15–34 Colo.

Trypophlœus Fairm. 68–105
18393. salicis Hopk. 15–36 Cal.
94. concentralis Hopk. 15–36 Wash.
95. populi Hopk. 15–37 Ariz.
96. punctipennis Hopk. 15–37 Utah.
97. nitidus Sw. 12–349 N.S.

IPINI

Gnathotrichus Eich. 68–275
18398. retusus (Lec.) 68–155 B.C.Ariz. So.Cal.
99. sulcatus (Lec.) 68–155 B.C.Colo. Mex.
18400. materiarius (Fitch) 58–40 Can.Fla.Tex.
corthyloides Eich. 68–273 [E.U.S.
01. asperulus (Lec.) 68–155 D.C. Va.

Conophthorus Hopk. 15–429
18402. edulis Hopk. 15–430 Colo.N.Mex.
03. tædæ Hopk. 15–431 Va.
04. virginianæ Hopk. 15–431 W.Va.

Conophthorus Hopk.
18405. resinosæ Hopk. 15–431 Me.N.H.Ont.
06. ponderosæ Hopk. 15–431 Or.
07. scopulorum Hopk. 15–431 Colo.Ariz.
08. apachecæ Hopk. 15–432 Ariz. [N.Mex.
09. clunicus Hopk. 15–432 ?
10. coniperda (Sz.) 94–144 E.Can.Me.Va.
11. radiatæ Hopk. 15–432 Cal.
12. contortæ Hopk. 15–432 Or.
13. monticolæ Hopk. 15–432 Id.B.C.
14. monophyllæ Hopk.15–433 Cal.
15. flexilis Hopk. 15–433 Colo.
16. lambertianæ Hopk. 15–433 N.Cal.Or.

† Introduced.

Pseudopityophthorus Sw. 18–93
18417. minutissimus (Zimm.) 68–143 E.U.S. Can.
pusillus || (Harris) 37–82 Mich. Fla.
18. pubipennis (Lec.) 57–59 Or.So.Cal.
19. pruinosus (Eich.) 78–193 N.Y. D.C.
querciperda (Sz.) 88–56 Fla.
20. pilosus (Lec.) 68–154 Cal.
pilosulus (Lec.) 68–156
— tomentosus (Eich.) 78–201 N.Am.

Pityophthorus Eich. 64–39
18421. ramiperda Sw. 17–28 Que. Ont. E.U.S.
22. nitidus Sw. 17–25 N.S. Que. Arc.Can.
23. pulicarius (Zimm.) 68–144 N.J. Fla.
24. lautus Eich. 71–135 W.Va. Tex.
25. rhois Sw. 17–26 E.Can. N.Y.
26. lateralis Sw. 17–27 Fla. [Fla.
27. concentralis Eich. 78–188 Cuba, Fla.
28. puberulus Lec. 68–157 Ont. Que.
infans Eich. 71–135 [W.Va.
29. opaculus Lec. 78–623 Mich. E.Can.
30. tuberculatus Eich. 79–498 Cal. (W.Va.?)
31. carmeli Sw. 18–100 Cal.
32. pseudotsugæ Sw. 18–99 B.C. Cal.
33. atratulus (Lec.) 68–156 Ut.N.Mex. B.C.
puncticollis (Lec.) 74–71 N.Mex.Wash.
34. nitidulus (Mann.) 43–298 Alas.B.C.
35. torreyanæ Sw. 18–101 So.Cal. Ariz.
36. confinis Lec. 76–354 Wash. So.Cal. N.Mex.
37. cariniceps Lec. 76–353 Me.W.Va.N.S. N.Y.
38. canadensis Sw. 17–24 Que. Mich.
39. intextus Sw. 17–29 Alb. [N.Y.
40. pulchellus Eich. 68–275 Mich. W.Va.
hirticeps Lec. 78–665 N.Y. Pa. D.C.
pusio Lec. 78–623 Mich.
41. serratus Sw. 18–103 No.Cal.
42. pullus (Zimm.) 68–143 S.C. Mich.
cribripennis (Eich.) 68–274
43. bisulcatus (Eich.) 68–274 N.Am.
44. confertus Sw. 17–27 B.C.
45. granulatus Sw. 17–28 N.S. Man.
46. nudus Sw. 17–30 N.Y.Que.Ont.
47. consimilis Lec. 78–622 Mich.
48. annectens Lec. 78–622 Fla. D.C.
49. seriatus Lec. 78–433 Fla.
50. obliquus Lec. 78–422 Fla.

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51. comatus (Zimm.) 68–143 S.C.
52. deletus Lec. 79–519 Colo.
53. digestus (Lec.) 74–71 So.Cal.

Pityogenes Bedel 88–397
18454. fossifrons (Lec.) 76–353 Vanc. Cal.
55. hopkinsi Sw. 15–8 E.Can. E.U.S.
56. lecontei Sw. 15–10 ?
57. carinulatus (Lec.) 74–70 Wash. So.Cal.
hamatus (Lec.) 74–72 [Colo. B.C.
58. knechteli Sw. 18–106 Alb. B.C.
59. plagiatus (Lec.) 68–161 D.C. Mich.

Ips DeGeer 75–190
(*Tomicus* Latr. 07–276)
(*Bostrichus* ‡ Fab. 77–59)
18460. concinnus (Mann.) 52–358 Alas. Cal.
hirsutus (Eich.) 67–402

Ips DeGeer
18461. radiatæ Hopk. 15–54 Cal. Id. B.C.
62. calligraphus (Germ.) 24–461 E.U.S. Can.
exesus (Say) 26–255
præmorsus (Eich.) 67–401
63. grandicollis (Eich.) 67–402 Mass.Ind.Fla.
cacographus (Lec.) 68–162
64. chagnoni Sw. 16–186 Que.Ont.N.Y.
65. confusus (Lec.) 76–362 Or.So.Cal. Ariz.
?montanus (Eich.) 81–219
66. vancouveri Sw. 16–188 Vanc. B.C. Wash. Cal.
67. emarginatus (Lec.) 76–363 Or. B.C. Id.
68. knausi Sw. 15–355 N.Mex. [Cal.
69. longidens Sw. 11–214 N.S. N.Y.
70. latidens (Lec.) 74–72 Or. Cal. Colo.
spinifer (Eich.) 78–499 Cal.? [B.C.
71. integer (Eich.) 69–273 B.C. Colo. Mex.
72. plastographus (Lec.) 68–163 Cal. Ariz. N.Mex.
73. perturbatus (Eich.) 68–274 Am. bor.
hudsonicus (Lec.) 76–363 Alas. Nfld.
74. avulsus (Eich.) 67–402 D.C. Ga. Fla.
75. pini (Say) 25–257 Alas. Can.
præfrictus (Eich.) 67–401 [E.U.S.
76. laticollis Sw. 18–116 Ont.
77. interpunctus (Eich.) 78–241 Alas. Wash.
tridens ‡ (Eich.) 68–274 nec Mann.
78. oregoni (Eich.) 68–274 B.C. W.U.S.
rectus (Lec.) 76–363 Or. Ariz.
79. perroti Sw. 15–356 Que. [N.Mex.
80. borealis Sw. 11–213 Nfld.Alb.B.C
81. interruptus (Mann.) 52–357 Alas. H.B.T
82. hunteri Sw. 17–31 Colo. [B.C.
83. dubius Sw. 18–119 B.C. Alb.
84. pilifrons Sw 12–353 Colo.
85. tridens (Mann.) 52–357 Alas. B.C.
86. engelmanni Sw. 17–30 Alb. B.C.
87. yohoensis Sw. 17–31 B.C.
— terminalis (Mann.) 43–298 Cal.

Pityokteines Fuchs 11–34
18488. sparsus (Lec) 68–160 E.U.S. Can.
balsameus (Lec.) 78–625
89. elegans Sw. 16–182 Cal. Or.
90. minutus (Sw.) 12–352 Colo.
91. jasperi Sw. 16–181 Alb. Or.

Orthotomicus Ferr. 67–44
(*Neotomicus* Fuchs 11–38)
18492. cælatus (Eich.) 67–402 E.U.S. Can.
?decretus (Eich.) 67–402 N.Am.?
?xylographus (Fitch) 58–726
93. punctipennis (Lec.) 78–624 Mich. Me. W.Va.
94. vicinus (Lec.) 74–72 B.C. Man. Colo.
95. ornatus Sw. 16–185 Ariz. Cal. Or.
96. lasiocarpi Sw. 16–183 B.C.

Ambrosiodmus Hopk. 15–55
18497. linderæ Hopk. 15–56 Va.
98. lecontei Hopk. 15–56 Fla.
99. tachygraphus (Zimm.) 68–144 N.Y.N.C.Fla.

Anisandrus Ferr. 67–24

18500. obesus (Lec.) 68–159 Can. Va.
serratus Sw. 10–162 Que.
01. populi Sw. 17–22 Que.
02. pyri (Peck) 17–205 E.U.S. Can.
03. minor Sw. 10–164 Can. N.Y.
04. zimmermanni Hopk. 15–68 Fla.
05. sayi Hopk. 15–68 W.Va.

Xyleborus Eich. 64–37
(*Xyleborinus* Reitt. 13–79)

18506. saxeseni (Ratz.) 37–167 Eur.N.Y.
æsculi Ferr. 67–22 [Mich.Ind.
decolor (Boield.) 59–473 .
dohrni (Woll.) 54–290
dryographus Ferr. 67–20
subdepressus Rey 83–142

(*Xyleborus* s. str.)

07. xylographus (Say) 25–256 N.Y.Va.Wis.
08. inermis Eich. 67–401 Tenn. W.Va.
09. affinis Eich. 67–401 N.J. W.Va.
10. canadensis Sw. 17–24 Que.
11. pubescens Zimm. 68–145 Va. Fla. Ala.
?pini Eich. 67–401 N.C.
12. celsus Eich. 67–400 N.J. S.C. Ind.
biographus Lec. 68–169
13. fuscatus Eich. 67–410 N.J. Fla. Tex.
14. impressus Eich. 67–400 Mass. Ga.
15. quercus Hopk. 15–63 Miss.
16. pecanis Hopk. 15–63 Miss.
17. floridensis Hopk. 15–63 Fla.
18. arbuti Hopk. 15–64 Cal.
19. planicollis Zimm. 68–145 Pa.Md.D.C.
20. rileyi Hopk. 15–65 Fla.
21. hubbardi Hopk. 15–65 Fla.
22. schwarzi Hopk. 15–65 Fla.
23. howardi Hopk. 15–65 D.C.
24. fitchi Hopk. 15–66 L.I.
25. scopulorum Hopk. 15–66 S.Dak.

Xyleborus Eich.

18526. soltani Hopk. 15–66 La.
27. nyssæ Hopk. 15–66 S.C.
— viduus Eich. 78–391 D.C. Fla.
— propinquus Eich. 68–281 Tenn.?
— retusicollis Zimm. 68–146 Md.

Xylocleptes Ferr. 67–37

18528. floridensis Hopk. 15–43 Fla.
29. anonæ Hopk. 15–43 Fla.
30. californicus Hopk. 15–44 So.Cal.
31. venturina Hopk. 15–44 So.Cal.
32. cucurbitæ Lec. 79–519 Ut.N.Mex.
33. punctatus Hopk. 15–41 N.Mex. [Cal.
34. knausi Hopk. 15–44 Kan.

Dryocœtes Eich. 64–38

18535. sechelti Sw. 15–358 B.C.
36. granicollis Lec. 68–162 N.J.Pa.W.Va.
37. pseudotsugæ Sw. 15–360 Vanc. No.Cal.
38. americanus Hopk. 15–51 E.Can.W.Va. Ind.
autographus ‡ auct. nec Ratz. 37–
39. septentrionis (Mann.) 43–298 Alas. B.C.
semicastaneus (Mann.) 52–358
40. betulæ Hopk. 15–50 Can. W.Va.
eichhoffi || Hopk. 03–320
41. liquidambaris Hopk. 15–51 Va.
42. confusus Sw. 12–351 Colo.B.C.
abietis Hopk. 15–52 Mont.
43. pubescens Sw. 12–350 Colo.
44. affaber (Mann.) 52–339 Alas. N.Mex.
45. piceæ Hopk. 15–51 Can.W.Va.
46. caryi Hopk. 15–50 Me. [N.C.

Lymantor Lov. 89–69

18547. decipiens (Lec.) 78–624 Ont. N.Y. Va.

APPENDIX

STREPSIPTERA

MENGEOIDEA

MENGEIDÆ

Triozocera Pierce emend. 11–490
(*Triozocera* P. 09–86)
1. texana P. 11–491 Tex.

XENOIDEA

STYLOPIDÆ

Stylops Kby. 02–12
2. childreni Gray 32–683 N.S.
3. asteridis P. 11–494 Ill.
4. bipunctatæ P. 09–98 Ind.Neb. Wis.
5. mœstæ P. 18–443 Wash.
6. mandibularis P. 11–494 Ill.
7. nubeculæ P. 09–105 Colo.
8. subcandidæ P. 09–108 So.Cal.
9. multiplicatæ P. 09–104 Wis.
10. advarians P. 09–97 B.C.
11. bisalicidis P. 18–446 Ala.
12. sparsipilosæ P. 09–108 Me.
13. erigeniæ P. 18–446 Md. Ill.
14. hippotes P. 09–103 O.
15. nasoni P. 09–104 Pa.
16. swenki P. 09–108 Neb. Pa.
17. claytoniæ P. 09–99 Ga. Ill.
a. imitatrix P. 09–101 Tex.
b. vierecki P. 09–110 Tex.

Katastylops P. 18–454
18. polemonii (P.) 09–106 Colo.

Neostylops P. 18–455
19. crawfordi (P.) 09–100 Tex.
20. solidulæ (P.) 09–107 Wash.
21. shannoni P. 18–457 Md.
22. bruneri P. 09–98 Neb. Ill.
23. oklahomæ P. 09–110 Okla.
24. salictariæ P. 18–449 Ill.
25. andrenoides P. 11–493 Ill.
26. medionitans P. 18–450 Colo.
27. sinuatus P. 18–450 Ill.
28. grandior P. 18–451 Mont.
29. nudæ P. 11–495 Ill.
30. cornii P. 09–100 Wis.
31. californica P. 09–99 So.Cal.
32. vicinæ P. 09–110 N.Il.Ct.Can. Mass. Colo.
33. salicifloris P. 09–106 Wash.
34. graenicheri P. 09–103 Wis.
35. cressoni P. 09–102 Me.
36. diabola P. 18–454 N.Dak.
37. hartfordensis P. 09–103 Ga.
38. neonanæ P. 18–454 Ga.
39. packardi P. 09–105 Mass.

XENIDÆ

HALICTOXENINÆ

Halictoxenos P. 08–82
40. crawfordi P. 09–149 Neb.
41. graenicheri P. 09–150 Wis.
42. jonesi P. 08–84 Tex. La.
43. nymphaeari P. 11–496 Ill.
44. sparsi P. 09–150 Okla.
45. versati P. 09–150 Wis.

Halictoxenos P.
46. zephyri P. 09–150 Wis.
(*Augochlorophilus* P. 11–22)
47. viridulæ P. 11–496 Ill.

Apractelytra P. 08–79
48. schwarzi P. 08–83 D.C.

CRAWFORDINÆ

Crawfordia P. 08–80
49. pulvinipes (P.) 04–167 Neb.
50. cockerelli P. 09–155 N.Mex.
51. labrosi P. 11–497 Ill.

Crawfordia P.
52. rudbeckiæ P. 11–497 Ill.
53. californica P. 18–460 Cal.
54. labrosiformidis P. 18–460 Ill.

XENINÆ

XENINI

Xenos Rossi 93–49
(*Acroschismus* P. 08–79)
(*Schistosiphon* P. 08–80)
(*Xenops* Leach 15–117)

Xenos Rossi
55. auriferi P. 11–498 Cal.
56. bowditchi (P.) 09–130 Mass.
57. bruesi (P.) 09–124 Mich.

Xenos Rossi
58. hubbardi (P.) 08–84 Fla.
59. hunteri (P.) 09–130 Tex.
60. maximus (P.) 09–132 Tex.
61. nigrescens Brues 03–247 La. Tex.
62. pallidus Brues 03–246 Tex.Fla.Neb.
a. texensis (P.) 09–127 Tex. [D.C.

Xenos Rossi
63. peckii Kby. 13–116 Mass.
64. pecosensis (P.) 09–128 Tex.
65. rubiginosi (P.) 09–132 La.
66. texani (P.) 09–132 Tex.
67. wheeleri P. 08–80 Ct. N.Y.D.C.
peckii ‡ Brues 03–248

PSEUDOXENINI

Pseudoxenos Saunders 72–20
(*Leionotoxenos* P. 09–137)
68. arvensidis P. 11–499 Ill.
69. erynnidis P. 11–499: Fla.
70. foraminati P. 11–499 N.J.
71. fundati P. 11–500 Ill.
72. histrionis P. 11–500 Fla.
73. hookeri (P.) 09–139 Tex.
74. jonesi (P.) 09–138 La.
75. louisianæ (P.) 09–138 La.

Pseudoxenos Saunders
76. neomexicana P. 18–463 N.Mex.
77. pedestridis P. 11–500 Ill.
78. robertsoni P. 11–501 Ill.
79. tigridis P. 11–501 Ill.

Monobiaphila P. 09–139
80. bishoppi P. 09–139 Tex.

OPHTHALMOCHLINI

Eupathocera P. 08–79
81. lugubris P. 08–83 Ohio
82. pictipennidis P. 11–502 Ill.
83. pruinosæ P. 09–143 Colo.
84. vulgaridis P. 11–503 Ill.
85. luctuosæ P. 11–502 Id. Colo.

Ophthalmochlus P. 08–79
(*Homilops* P. 08–80)
86. duryi P. 08–79 Ohio
87. bishoppi (P.) 09–146 Tex.
(*Isohontiphilia* P. 11–31)
88. auripedis P. 11–503 Pa.

HALICTOPHAGOIDEA

HALICTOPHAGIDÆ

Anthericomma P. 08–81
89. barberi P. 08–84 N.Mex.

Dacyrtocara P. 18–473
90. oncometropiæ P. 18–473 Ga.
91. undata P. 18–474 Ga.

Agalliaphagus P. 08–83
92. americanus Perkins 08–105 Ohio
93. uhleri P. 19–479 Colo.

ELENCHOIDEA

ELENCHIDÆ

Liburnelenchus P. 18–481
(*Mecynocera* || P. 08–81)
94. koebelei (P.) 08–81 Ohio
95. heidemanni P. 18–481 Md.

Elenchinus P. 18–481
96. heidemanni P. 18–481 Md.

Pentagrammaphila P. 09–169
97. uhleri P. 09–169 Dak.

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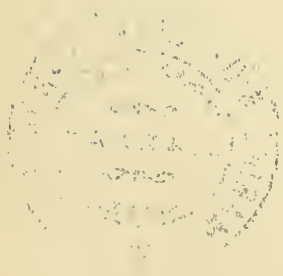

CATALOGUE

OF THE

NORTH AMERICAN COLEOPTERA

DESCRIBED AS FOSSILS

BY

H. F. WICKHAM

MARINE BIOLOGICAL LABORATORY
WOODS HOLE
LIBRARY
MASS.

A CATALOGUE OF THE NORTH AMERICAN COLEOPTERA DESCRIBED AS FOSSILS

By H. F. Wickham

The object of the following catalogue is to give a list of those species actually described as fossils, not including the remains of recent species which have been found in a fossil state. However, since the number of the latter is small, they have been enumerated at the end, in order that the palæontologist may be able to keep track of them. No references to genera have been included, unless founded upon some specific citation as well, for instance no notice would be taken of a record of "Elater sp." or any similar assignment. The date of establishment of a generic name is given only when the genus is based upon a fossil species and may therefore be assumed to have become extinct, since information regarding recent genera may be had by turning to the main portion of this work.

The sequence of families and genera follows that of the recent species, but since the names of the fossils are not numbered it has been necessary to indicate synonyms by the abbreviation "syn." The other abbreviations which seem to require explanation are as follows: —

Periods		Localities	
Cret.	Cretaceous	Flor.	Florissant, Colo.
Eoc.	Eocene	G. R.	Green River, Wyo.
Mioc.	Miocene	Greenl.	Greenland
Olig.	Oligocene	P. K.	Port Kennedy, Pa.
Pleist.	Pleistocene	Scar.	Scarborough, Ont. Can.
		Tor.	Toronto, Ont. Can.
		Vero	Vero, Fla.

Some difference of opinion exists as to the age of certain of these deposits, but I have tried to follow usage well established in this country. The plan of citing locality as well as period will aid in checking up any changes of assignment which may be made.

CARABIDÆ

Scaphinotus Dej.

minor (Horn) 76–243 P. K. Pleist.
wheatleyi (Horn) 76–242 P. K. Pleist.

Nomaretus Lec.

serus Scudd. 00–13 Flor. Mioc.

Neothanes Scudd. 90–535

testeus (Scudd.) 78a–758 G. R. Eoc.

Carabus Linn.

jeffersoni Scudd. 00–15 Flor. Mioc.
mæander sangamon Wickh. 17a–139 Ill. Pleist.

Calosoma Web.

calvini Wickh. 09–126 Flor. Mioc.
cockerelli Wickh. 10–47 Flor. Mioc.
emmonsii Scudd. 00–16 Flor. Mioc.

Elaphrus Fab.

irregularis Scudd. 90–534	Scar. Pleist.

Loricera Latr.

exita Scudd. 00a–70	Scar. Pleist.
glacialis Scudd. 77–763	Scar. Pleist.
lutosa Scudd. 90–533	Scar. Pleist.

Nebria Latr.

abstracta Scudd. 00a–70	Tor. Pleist.
occlusa Scudd. 00–17	Flor. Mioc.
palæomelas Scudd. 79–179b	B. C. Mioc.

Bembidion Latr.

damnosum Scudd. 00a–73	Scar. Pleist.
exoletum Scudd. 76–77	White R. Eoc.
expletum Scudd. 00a–72	Tor. Pleist.
florissantensis Wickh. 13–6	Flor. Mioc.
fragmentum Scudd. 90–531	Ohio Pleist.
glaciatum Scudd. 90–531	Scar. Pleist.
haywardi Scudd. 00a–70	Tor. Pleist.
obductum Scudd. 00–18	Flor. Mioc.
præteritum Scudd. 00a–72	Scar. Pleist.
tumulorum Scudd. 00–19	Flor. Mioc.
vanum Scudd. 00a–71	Scar. Pleist.
vestigium Scudd. 00a–71	Scar. Pleist.

Tachys Steph.

haywardi Wickh. 13–7	Flor. Mioc.

Patrobus Dej.

decessus Scudd. 00a–73	Tor. Pleist.
frigidus Scudd. 00a–74	Tor. Pleist.
gelatus Scudd. 90–530	Scar. Pleist.
henshawi Wickh. 17a–140	Ill. Pleist.

Trechus Clairv.

fractus Wickh. 12a–6	Flor. Mioc.

Myas Dej.

rigefactus Scudd. 00–20	Flor. Mioc.
umbrarum Scudd. 00–21	Flor. Mioc.

Pterostichus Bon.

abrogatus Scudd. 90–525	Scar. Pleist.
depletus Scudd. 00a–75	Scar. Pleist.
destitutus Scudd. 90–526	Scar. Pleist.
destructus Scudd. 90–527	Scar. Pleist.
dormitans Scudd. 90–526	Ohio Pleist.
fractus Scudd. 90–527	Scar. Pleist.
gelidus (Scudd.) 77–763	Scar. Pleist.
lævigatus Scudd. 90–528	P. K. Pleist.
pumpellyi Scudd. 00–23	Flor. Mioc.
walcotti Scudd. 00–23	Flor. Mioc.

Evarthrus Lec.

tenebricus Scudd. 00–24	Flor. Mioc.

Amara Bon.

cockerelli Wickh. 12a–7	Flor. Mioc.
danæ Scudd. 00–27	Flor. Mioc.
powellii Scudd. 00–26	Flor. Mioc.
revocata Scudd. 00–25	Flor. Mioc.
sterilis Scudd. 00–25	Flor. Mioc.
veterata Scudd. 00–26	Flor. Mioc.

Carabites Heer 52–12

arapahoensis Ckll. 18–307	Colo. Eoc.
exanimus Scudd. 92a–17	White R. Eoc.
feildenianus Heer 78–38	Grinnell L.Eoc.
kincaidi Ckll. 08a–51	G. R. Eoc.

Rembus Latr.

henshawi (Scudd.) 90–523	Flor. Mioc.

Dicælus Bon.

alutaceus Horn 76–244	P. K. Pleist.

Badister Clairv.

antecursor Scudd. 00a–75	Tor. Pleist.

Platynus Bon.

cæsus Scudd. 90–522	G. R. Eoc.
calvini Wickh. 17a–142	Ill. Pleist.
casus Scudd. 90–519	Scar. Pleist.
desuetus Scudd. 90–521	Scar. Pleist.
dilapidatus Scudd. 92–49	Scar. Pleist.
dissipatus Scudd. 90–521	Scar. Pleist.
exterminatus Scudd. 00a–75	Scar. Pleist.
florissantensis Wickh. 13–7	Flor. Mioc.
halli Scudd. 90–520	Scar. Pleist.
harttii Scudd. 90–522	Scar. Pleist.
hindei Scudd. 90–520	Scar. Pleist.
interglacialis Scudd. 00a–76	Scar. Pleist.
interitus Scudd. 00a–76	Tor. Pleist.
insculptipennis Wickh. 17–463	Flor. Mioc.
longævus Scudd. 00a–77	Scar. Pleist.
pleistocenicus Wickh. 17a–141	Ill. Pleist.
senex Scudd. 78a–759	G. R. Eoc.
subgelidus Wickh. 17a–142	Ill. Pleist.
tartareus Scudd. 00–30	Flor. Mioc.

Galerita Fab.

marshii Scudd. 00–31	G. R. Eoc.

Plochionus Dej.

lesquereuxi Scudd. 00–31	Flor. Mioc.

Cymindis Latr.

aurora Horn 76–243	P. K. Pleist.
extorpescens Scudd.98–743; 00–32	Mass. Pleist.

Brachinus Web.

newberryi Scudd. 00–32	Flor. Mioc.
repressus Scudd. 00–33	Flor. Mioc.

Chlænius Bon.

plicatipennis Wickh. 17a–143	Ill. Pleist.
punctulatus Horn 76–244	P. K. Pleist.

Nothopus Lec.

kingii Scudd. 00–34	Flor. Mioc.

Cratacanthus Dej.

florissantensis Wickh. 17–464	Flor. Mioc.

Harpalus Latr.

conditus Scudd. 00a–77	Scar. Pleist.
maceratus Wickh. 11–54	Flor. Mioc.
nuperus Scudd. 00–34	Flor. Mioc.
redivivus Wickh. 17–465	Flor. Mioc.
ulomæformis Wickh. 17–464	Flor. Mioc.
whitfieldi Scudd. 00–35	Flor. Mioc.

Stenolophus Dej.

religatus Scudd. 00–35	Flor. Mioc.

DYTISCIDÆ

Bidessus Sharp.

laminarum Wickh. 14a–426 Flor. Mioc.

Cœlambus Thoms.

cribrarius Scudd. 00a–78 Tor. Pleist.
derelictus Scudd. 00a–78 Scar. Pleist.
disjectus Scudd. 00a–79 Scar. Pleist.
infernalis Scudd. 00a–78 Tor. Pleist.
miocenus Wickh. 12a–7 Flor. Mioc.

Hydroporus Clairv.

inanimatus Scudd. 00a–79 Scar. Pleist.
inundatus Scudd. 00a–79 Tor. Pleist.
sectus Scudd. 00a–80 Scar. Pleist.
sedimentorum Wickh. 14a–427 Flor. Mioc.

Agabus Leach.

charon Wickh. 12a–8 Flor. Mioc.
florissantensis Wickh. 13a–285 Flor. Mioc.
perditus Scudd. 00a–80 Scar. Pleist.
pradugens Wickh. 17a–144 Ill. Pleist.
rathbuni Scudd. 00–37 Flor. Mioc.
savagei Wickh. 17a–143 Ill. Pleist.

Acilius Leach.

florissantensis Wickh. 09–127 Flor. Mioc.

Miodytiscus Wickh. 11–54.

hirtipes Wickh. 11–54 Flor. Mioc.

HYDROPHILIDÆ

Helophorus Fab.

rigescens Scudd. 90–516 Ohio Pleist.

Hydrochus Leach.

amictus Scudd. 90–515 Ohio Pleist.
relictus Scudd. 90–516 G. R. Eoc.

Berosus Leach.

sexstriatus Scudd. 78a–760 G. R. Eoc.
tenuis Scudd. 78a–760 G. R. Eoc.

Hydrophilus DeGeer.

extricatus (Scudd.) 00–41 Flor. Mioc.

Hydrophilites Heer 83–144.

naujatensis Heer 83–144 Greenl. Eoc.

Tropisternus Solier.

limitatus Scudd. 00–40 Flor. Mioc.
saxialis Scudd. 78a–759 G. R. Eoc.
sculptilis Scudd. 78a–760 G. R. Eoc.
vanus Scudd. 00–39 Flor. Mioc.

Hydrobius Leach.

confixus Scudd. 90–511 G. R. Eoc.
decineratus Scudd. 78a–761 G. R. Eoc.
maceratus Scudd. 00–43 Flor. Mioc.
prisconatator Wickh. 11–55 Flor. Mioc.
titan Wickh. 13–7 Flor. Mioc.

Creniphilites Wickh. 13–8.

orpheus Wickh. 13–8 Flor. Mioc.

Enochrus Thoms.

primævus (Scudd.) 76–78 G. R. Eoc.
scudderi (Wickh.) 09–127 Flor. Mioc.

Cymbiodyta Bedel.

exstincta Scudd. 00a–81 Scar. Pleist.

Laccobius Er.

elongatus Scudd. 78a–761 G. R. Eoc.

Cercyon Leach.

terrigena Scudd. 79–179b B. C. Mioc.

SILPHIDÆ

Necrodes Leach.

primævus Bent. & Ckll., 08–67 Flor. Mioc.

Silpha Linn.

heutenmuelleri Wickh. 14a–428 Flor. Mioc.
colorata Scudd. 00–44 Flor. Mioc.

Miosilpha Wickh. 12a–9

necrophiloides Wickh. 12a–9 Flor. Mioc.

Agyrtes Fröh.

primoticus Scudd. 00–45 Flor. Mioc.

Hydnobius Schmidt.

tibialis Wickh. 13–9 Flor. Mioc.

Anisotoma Illig.

sibylla Wickh. 13a–285 Flor. Mioc.

PAUSSIDÆ

Paussopsis Ckll. 11–71.

nearctica Ckll. 11–71 Flor. Mioc.
secunda Wickh. 12a–10 Flor. Mioc.

STAPHYLINIDÆ

Triga Fauv.

cœni Scudd. 00–78 Flor. Mioc.

Omalium Grav.

antiquorum Wickh. 13–11 Flor. Mioc.

Olophrum Erichs.

arcanum Scudd. 00a–86 Scar. Pleist.
cælatum Scudd. 00a–86 Scar. Pleist.
dejectum Scudd. 00a–86 Scar. Pleist.
interglaciale Wickh. 17a–145 Ill. Pleist.

Arpedium Erichs.

stillicidii Scudd. 92–42 Scar. Pleist.

Acidota Mann.

crenata nigra Scudd. 00a–85 Scar. Pleist.

Geodromicus Redt.

abditus Scudd. 00–77 Flor. Mioc.
stiricidii Scudd. 92–43 Scar. Pleist.

Deleaster Erichs.

grandiceps Wickh. 12a–12 Flor. Mioc.

Oxytelus Grav.

pristinus Scudd. 76–79 White R.Eoc.
subapterus Wickh. 13–11 Flor. Mioc.

Platystethus Mann.

archetypus Scudd. 00–76 Flor. Mioc.
carcareus Scudd. 00–75 Flor. Mioc.

Bledius Mann.

adamus Scudd. 78a–762 G. R. Eoc.
fæcorum Scudd. 00–74 G. R. Eoc.
glaciatus Scudd. 90–505 Scar. Pleist.
osborni Scudd. 00–72 Flor. Mioc.
primitiarum Scudd. 00–73 Flor. Mioc.
soli Scudd. 00–71 Flor. Mioc.

Stenus Latr.

morsei (Scudd.) 00–70 Flor. Mioc.

Cryptobium Mann.

cinctum Scudd. 00a–83 Scar. Pleist.
detectum Scudd. 00a–83 Scar. Pleist.

Pæderus Fab.

adumbratus Wickh. 13–10 Flor. Mioc.

Lathrobium Grav.

abscessum Scudd. 76–79 G. R. Eoc.
antediluvianum Wickh. 13–10 Flor. Mioc.
antiquatum Scudd. 00a–83 Tor. Pleist.
debilitatum Scudd. 00a–84 Scar. Pleist.
exesum Scudd. 00a–84 Tor. Pleist.
frustrum Scudd. 00a–85 Scar. Pleist.
inhibitum Scudd. 00a–84 Scar. Pleist.
interglaciale Scudd. 90–506 Scar. Pleist.

Lithocharis Lac.

scottii Scudd. 00–63 Flor. Mioc.

Miolithocharis Wickh. 13a–289.

lithographica Wickh. 13a–289 Flor. Mioc.

Xantholinus Serv.

tenebrarius Scudd. 00–58 Flor. Mioc.

Leptacinus Erichs.

exsucidus Scudd. 00–61 Flor. Mioc.
fossus Scudd. 00–59 Flor. Mioc.
leidyi Scudd. 00–61 Flor. Mioc.
maclurei Scudd. 00–60 Flor. Mioc.
rigatus Scudd. 00–59 Flor. Mioc.

Philonthus Curt.

abavus Scudd. 00–57 Flor. Mioc.
claudus Scudd. 00a–82 Scar. Pleist.
horni Scudd. 00–56 Flor. Mioc.
invelatus Scudd. 00–55 Flor. Mioc.
marcidulus Scudd. 00–54 Flor. Mioc.

Staphylinus Linn.

lesleyi Scudd. 00–51 Flor. Mioc.
vetulus Scudd. 00–52 Flor. Mioc.
vulcan Wickh. 13a–288 Flor. Mioc.

Ontholestes Ganglb.

patriarchicus (Scudd.) 76–78 White R. Eoc.

Acylophorus Nordm.

immotus Scudd. 00–47 Flor. Mioc.

Heterothops Steph.

conticens Scudd. 00–48 Flor. Mioc.

Laasbium Scudd. 00–49

agassizii Scudd. 00–49 Flor. Mioc.
sectile Scudd. 00–50 Flor. Mioc.

Quedius Steph.

breweri Scudd. 90–508 Flor. Mioc.
chamberlini Scudd. 90–508 Flor. Mioc.
deperditus Scudd. 00a–82 Scar. Pleist.
mortuus Wickh. 12a–11 Flor. Mioc.

Oxyporus Fab.

stiriacus Scudd. 90–505 Scar. Pleist.

Tachinus Grav.

sommatus Scudd. 00–64 Flor. Mioc.

Tachyporus Grav.

nigripennis Scudd. 00–65 Flor. Mioc.

Bolitobius Steph.

durabilis Scudd. 00–67 Flor. Mioc.
funditus Scudd. 00–67 Flor. Mioc.
lyelli Scudd. 00–66 Flor. Mioc.
stygis Scudd. 00–68 Flor. Mioc.

Mycetoporus Mann.

demersus Scudd. 00–69 Flor. Mioc.

Gymnusa Grav.

absens Scudd. 00a–81 Tor. Pleist.

Homalota Mann.

recisa Scudd. 90–509 G. R. Eoc.

Gyrophæna Mann.

saxicola Scudd. 76–78 White R. Eoc.

Atheta Thoms.

florissantensis Wickh. 13–9 Flor. Mioc.

Aleocharopsis Wickh. 13a–286

caseyi Wickh. 13a–286 Flor. Mioc.
secunda Wickh. 13a–287 Flor. Mioc.

Staphylinites Scudd. 90–510

obsoletum Scudd. 76–78 G. R. Eoc.

LYCIDÆ

Miocænia Wickh. 14a–443

pectinicornis Wickh. 14a–443 Flor. Mioc.

LAMPYRIDÆ

Lucidota Lap.

prima (Wickh.) 12a–19 Flor. Mioc.

CANTHARIDÆ

Chauliognathus Hentz.

pristinus Scudd. 76–81 Flor. Mioc.

Podabrus Westw.

cupesoides Wickh. 17–467 Flor. Mioc.
florissanteusis Wickh. 14a–444 Flor. Mioc.
fragmentatus Wickh. 14a–444 Flor. Mioc.
wheeleri Wickh. 09–128 Flor. Mioc.

Cantharis L.

hesperus (Wickh.) 14a–445 Flor. Mioc.
humatus (Wickh.) 13b–362 Flor. Mioc.

Polemius Lec.

crassicornis Wickh. 14a–445 Flor. Mioc.

Trypherus Lec.

aboriginalis Wickh. 13b–362 Flor. Mioc.

MELYRIDÆ

Collops Er.

desuetus Wickh. 14a–447 Flor. Mioc.
extrusus Wickh. 14a–447 Flor. Mioc.
priscus Wickh. 14a–446 Flor. Mioc.

Malachius Fab.

immurus Wickh. 17–468 Flor. Mioc.
syn. pristinus || Wickh. 16–8

Trichochrous Mots.

miocenus Wickh. 12a–20 Flor. Mioc.

Eudasytites Wickh. 12a–19

listriformis Wickh. 12a–19 Flor. Mioc.

CLERIDÆ

Enoclerus Gahan

florissantensis Wickh. 14a–448 Flor. Mioc.
pristinus Wickh. 14a–449 Flor. Mioc.

Hydnocera Newn.

wolcotti Wickh. 13–15 Flor. Mioc.

CORYNETIDÆ

Necrobia Oliv.

divinatoria Wickh. 14a–449 Flor. Mioc.
sibylla Wickh. 14–261 Flor. Mioc.

LYMEXYLIDÆ

Melittomma Murr.

lacustrinum (Wickh.) 11–57 Flor. Mioc.

ŒDEMERIDÆ

Copidita Lec.

miocenica Wickh. 14a–487 Flor. Mioc.

Palœdemera Wickh. 14a–487

crassipes Wickh. 14a–488 Flor. Mioc.

MORDELLIDÆ

Tomoxia Costa

inundata Wickh. 14a–488 Flor. Mioc.

Mordella L.

lapidicola Wickh. 09–130 Flor. Mioc.
stygia Wickh. 14a–489 Flor. Mioc.

Mordellistena Costa

florissauteusis Wickh. 12a–33 Flor. Mioc.
nearctica Wickh. 14–268 Flor. Mioc.
protogæa Wickh. 14–269 Flor. Mioc.
scudderiana Wickh. 14–268 Flor. Mioc.
smithiana Wickh. 13–21 Flor. Mioc.

RHIPIPHORIDÆ

Macrosiagon Heutz.

geikei (Scudd.) 90–482 Flor. Mioc.

MELOIDÆ

Epicauta Redt.
subneglecta Wickh. 14a–492 Flor. Mioc.

Lytta Fab.
lithophila (Wickh.) 14a–492 Flor. Mioc.

Tetraonyx Latr.
minuscula Wickh. 14a–491 Flor. Mioc.

Gnathium Kby.
ætatis Scudd. 93–pl. 2, 00–116 Flor. Mioc.

Nemognatha Ill.
exsecta Wickh. 12a–34 Flor. Mioc.

PYTHIDÆ

Pythoceropsis Wickh. 13–20
singularis Wickh. 13–21 Flor. Mioc.

PEDILIDÆ

Pedilus Fisch.
calypso (Wickh.) 14a–491 Flor. Mioc.

Macratria Newn.
gigantea Wickh. 10–51 Flor. Mioc.

Lithomacratria Wickh. 14a–490
mirabilis Wickh. 14a–490 Flor. Mioc.

CEBRIONIDÆ

Adocetus Scudd. 00–97
buprestoides Scudd. 00–97 Wyo. Eoc.

ELATERIDÆ

Lacon Cast.
exhumatus Wickh. 16a–501 Flor. Mioc.

Monocrepidius Esch.
dubiosus Wickh. 16a–508 Flor. Mioc.

Limonius Esch.
aboriginalis Wickh. 16a–514 Flor. Mioc.
florissantensis Wickh. 16a–515 Flor. Mioc.
impunctus Scudd. 92–37 B. C. Mioc.
præcursor Wickh. 16a–516 Flor. Mioc.
shoshonis Wickh. 16a–517 Flor. Mioc.
volans Wickh. 16a–517 Flor. Mioc.

Athous Esch.
contusus Wickh. 16a–519 Flor. Mioc.
fractus Wickh. 16a–519 Flor. Mioc.
lethalis Wickh. 16a–518 Flor. Mioc.

Ludius Esch.
exanimatus (Wickh.) 16a–520 Flor. Mioc.
granulicollis (Wickh.) 08–76 Flor. Mioc.
heeri (Wickh.) 16a–521 Flor. Mioc.
lævissimus (Wickh.) 16a–521 Flor. Mioc.
primitivus (Wickh.) 08–77 Flor. Mioc.
propheticus (Wickh.) 16a–526 Flor. Mioc.
restructus (Wickh.) 16a–525 Flor. Mioc.
submersus (Wickh.) 16a–524 Flor. Mioc.
velatus (Scudd.) 76–81 G. R. Eoc.

Cryptohypnus Esch.
exterminatus Wickh. 16a–506 Flor. Mioc.
hesperus Wickh. 16a–506 Flor. Mioc.
terrestris Scudd. 79–181B B. C. Mioc.

Melanactes Lec.
cockerelli Wickh. 08–77 Flor. Mioc.

Ludiophanes Wickh. 16a–522
haydeni Wickh. 16a–522 Flor. Mioc.

Oxygonus Lec.
mortuus Scudd. 76–81 White R. Eoc.
primus Wickh. 16a–526 Flor. Mioc.

Agriotes Esch.
comminutus Wickh. 16a–513 Flor. Mioc.
nearcticus Wickh. 16a–513 Flor. Mioc.

Cryptagriotes Wickh. 16a–512
minusculus Wickh. 16a–512 Flor. Mioc.

Elater L.
florissantensis Wickh. 16a–510 Flor. Mioc.
rohweri Wickh. 16a–509 Flor. Mioc.
scudderi Wickh. 16a–510 Flor. Mioc.

Megapenthes Kies.
primævus Wickh. 16a–511 Flor. Mioc.

Anchastus Lec.
diluvialis Wickh. 16a–507 Flor. Mioc.
eruptus Wickh. 16a–507 Flor. Mioc.

Cardiophorus Esch.
cockerelli Wickh. 16a–503 Flor. Mioc.
deprivatus Wickh. 16a–504 Flor. Mioc.
florissantensis Wickh. 16a–502 Flor. Mioc.
lithographus Wickh. 16a–501 Flor. Mioc.
requiescens Wickh. 16a–504 Flor. Mioc.

Horistonotus Cand.
coloradensis Wickh. 16a–505 Flor. Mioc.

MELASIDÆ

Eucnemis Ahr.

antiquatus Wickh. 14a–437 Flor. Mioc.

Deltometopus Bonv.

fossilis Wickh. 16a–498 Flor. Mioc.

Fornax Cast.

ledensis Scudd. 92–39 Can. Pleist.
relictus Wickh. 16a–499 Flor. Mioc.

Microrhagus Esch.

miocenicus Wickh. 16a–500 Flor. Mioc.
vulcanicus Wickh. 16a–500 Flor. Mioc.

Epiphanis Esch.

deletus Scudd. 76–80 White R. Eoc.

THROSCIDÆ

Pactopus Lec.

americanus Wickh. 14–259 Flor. Mioc.

BUPRESTIDÆ

Ptosima Sol.

abyssa (Wickh.) 12a–19 Flor. Mioc.
schaefferi (Wickh.) 12a–18 Flor. Mioc.
sylvatica Wickh. 14a–441 Flor. Mioc.

Dicerca Esch.

eurydice Wickh. 14a–438 Flor. Mioc.

Buprestis L.

florissantensis Wickh. 14a–438 Flor. Mioc.
saxigena Scudd. 79–181B B. C. Mioc.
sepulta Scudd. 79–181B B. C. Mioc.
scudderi Wickh. 14a–439 Flor. Mioc.
tertiaria Scudd. 79–180B B. C. Mioc.

Melanophila Esch.

cockerellæ Wickh. 12a–17 Flor. Mioc.
handlirschi Wickh. 12a–17 Flor. Mioc.
heeri Wickh. 14–260 Flor. Mioc.

Anthaxia Esch.

exhumata Wickh. 13a–292 Flor. Mioc.

Chrysobothris Esch.

coloradensis Wickh. 14a–441 Flor. Mioc.
gahani Ckll. 11–72 Flor. Mioc.
haydeni Scudd. 76–80 Flor. Mioc.
suppressa Wickh. 14a–440 Flor. Mioc.

Agrilus Steph.

præpolitus Wickh. 14a–442 Flor. Mioc.

Brachyspathus Wickh. 17–466

curiosus Wickh. 17–466 Flor. Mioc.

Buprestites Heer 47 128

heeri Scudd. 00–99 Greenl. Eoc.
syn. agriloides Heer 83–144

PSEPHENIDÆ

Psephenus Hald.

lutulentus Scudd. 00–94 Flor. Mioc.

DRYOPIDÆ

Lutrochites Wickh. 12a–16

lecontei Wickh. 12a–16 Flor. Mioc.

Helichus Er.

eruptus (Wickh.) 11–56 Flor. Mioc.
tenuior (Wickh.) 12a–16 Flor. Mioc.

DASCILLIDÆ

Scaptolenopsis Wickh. 14–263

lithographus (Wickh.) 11–57 Flor. Mioc.
syn. wilmattæ Wickh. 14–263 Flor. Mioc.

Protacnæus Wickh. 14a–435

tenuicornis Wickh. 14a–436 Flor. Mioc.

Ectopria Lec.

laticollis Wickh. 13–15 Flor. Mioc.

HELODIDÆ

Miocyphon Wickh. 14a–436

punctulatus Wickh. 14a–437 Flor. Mioc.

CHELONARIIDÆ

Chelonarium Fab.

montanum Wickh. 14a–434 Flor. Mioc.

DERMESTIDÆ

Dermestes L.

tertiarius Wickh. 12a–14 Flor. Mioc.

Attagenus Latr.

aborigiualis Wickh. 13b–361 Flor. Mioc.
sopitus Scudd. 00–85 Flor. Mioc.

Orphilus Er.

dubius Wickh. 12a–15 Flor. Mioc.

BYRRHIDÆ

Nosotetocus Scudd. 92a–16

debilis Scudd. 00–90 Flor. Mioc.
marcovi Scudd. 92a–17 Flor. Mioc.
vespertinus Scudd. 00–90 Flor. Mioc.

Nosodendron Latr.

tritavum Scudd. 90–499 G. R. Eoc.

Cytilus Er.

tartarinus Scudd. 00–91 Flor. Mioc.

Byrrhus L.

ottawaensis Scudd. 92–40 Can. Pleist.
romingeri Scudd. 00–93 Flor. Mioc.

Amphicyrta Er.

inhæsa Scudd. 00–91 Flor. Mioc.

OSTOMIDÆ

Trogosita Oliv.

insignis Heer 68–129 Greenl. Eoc.

Tenebroides Pill. & Mitt.

corrugata Wickh. 13a–291 Flor. Mioc.

Ostoma Laich.

laminata (Wickh.) 10–48 Flor. Mioc.

NITIDULIDÆ

Amartus Lec.

petrefactus Wickh. 12a–15 Flor. Mioc.

Colopterus Er.

pygidialis (Wickh.) 13–13 Flor. Mioc.

Carpophilus Steph.

restructus Scudd. 00–86 Flor. Mioc.

Nitidula Fab.

prior Scudd. 00–87 Flor. Mioc.

Epanuræa Scudd. 00–86

ingenita Scudd. 93 pl. 1, 00–87 Flor. Mioc.

Prometopia Er.

depilis Scudd. 77a–278 B. C. Mioc.

Phenolia Er.

incapax Scudd. 76–80 G. R. Eoc.

Miophenolia Wickh. 16–7

cilipes Wickh. 16–7 Flor. Mioc.

Cychramites Wickh. 13–14

hirtus Wickh. 13–14 Flor. Mioc.

CUCUJIDÆ

Pediacus Shuck.

periclitans Scudd. 00–82 Flor. Mioc.

Lithocoryne Scudd. 00–83

arcuata Wickh. 13a–290 Flor. Mioc.

coloradensis Wickh. 14–258 Flor. Mioc.
gravis Scudd. 00–83 Flor. Mioc.

Laemophloeus Thoms.

vestitus (Scudd.) 90–501 G. R. Eoc.

EROTYLIDÆ

Tritoma Fab.

binotata (Scudd.) 78–763 G. R. Eoc.

Triplax Hbst.

diluviana (Wickh.) 14a–430 Flor. Mioc.

materna (Wickh.) 12a–13 Flor. Mioc.
petrefacta (Wickh.) 16–6 Flor. Mioc.
submersa (Wickh.) 12a–13 Flor. Mioc.

CRYPTOPHAGIDÆ

Antherophagus Latr.

megalops Wickh. 13b–360 Flor. Mioc.
priscus Scudd. 76–79 G. R. Eoc.

Cryptophagus Hbst.

bassleri Wickh. 13a–290 Flor. Mioc.
petricola Wickh. 16–7 Flor. Mioc.
scudderi Wickh. 14a–432 Flor. Mioc.

MYCETOPHAGIDÆ

Mycetophagus Hellw.

exterminatus Wickh. 13–13 Flor. Mioc.
willistoni Wickh. 13–12 Flor. Mioc.

COLYDIIDÆ

Rhagoderidea Wickh. 14a–430

striata Wickh. 14a–431 Flor. Mioc.

Eucicones Sharp.

oblongopunctata (Wickh.) 13–12 Flor. Mioc.

Phlœonemites Wickh. 12a–13

miocenus Wickh. 12a–14 Flor. Mioc.

LATHRIDIIDÆ

Corticaria Marsh.

æterna Wickh. 14–259 Flor. Mioc.
egregia Wickh. 14a–433 Flor. Mioc.
occlusa Wickh. 14a–433 Flor. Mioc.
petrefacta Wickh. 13–14 Flor. Mioc.

COCCINELLIDÆ

Coccinella L.

florissantensis Wickh. 14a–429 Flor. Mioc.
sodoma Wickh. 13b–360 Flor. Mioc.

Adalia Muls.

subversa Scudd. 00–80 Flor. Mioc.

Anatis Muls.

resurgens Wickh. 17–465 Flor. Mioc.

Chilocorus Leach.

ulkei Scudd. 00–81 Flor. Mioc.

ALLECULIDÆ

Hymenorus Muls.

haydeni Wickh. 14a–486 Flor. Mioc.

Pseudocistela Cr.

antiqua (Wickh.) 13b–365 Flor. Mioc.
vulcanica (Wickh.) 14a–485 Flor. Mioc.

Isomira Muls.

aurora Wickh. 14–268 Flor. Mioc.
florissantensis Wickh. 14a–486 Flor. Mioc.

Capnochroa Lec.

senilis Wickh. 13b–365 Flor. Mioc.

Cistelites Heer 65–89

minor Heer 74–25 Greenl. Eoc.
punctulatus Heer 70a–484 Greenl. Eoc.

TENEBRIONIDÆ

Miostenosis Wickh. 13a–297

lacordairei Wickh. 13a–297 Flor. Mioc.

Pactostoma Lec.

prima (Wickh.) 10–51 Flor. Mioc.

Eleodes Esch.

grandicollis elongata (Grinnell) 08–215 Cal. Pleist.
behri Grinnell 08–213 Cal. Pleist.
syn. intermedia Grinnell 08–215 Cal. Pleist.

Ulus Horn

minutus Wickh. 14–266 Flor. Mioc.

Blapstinus Latr.

linellii Wickh. 13a–298 Flor. Mioc.

Ephalus Lec.

adumbratus Scudd. 93 pl. 1, 00–115 Flor. Mioc.

Proteleates Wickh. 14–267

centralis Wickh. 14–267 Flor. Mioc.

Platydema Cast. & Brulle

antiquorum Wickh. 12a–32 Flor. Mioc.
bethunei Wickh. 13a–299 Flor. Mioc.

Tenebrio Linn.

calculensis Scudd. 92–31 Can. Pleist.
primigenius Scudd. 79–183B B. C. Mioc.

Helops Fab.

wetteravicus Heer 83–145 Greenl. Eoc.

Meracantha Kby.

lacustris Wickh. 09–129 Flor. Mioc.

Protoplatycera Wickh. 14a–484

laticornis Wickh. 14a–484 Flor. Mioc.

MELANDRYIDÆ

Synchroa Newn.

quiescens Wickh. 11–62 Flor. Mioc.

ANOBIIDÆ

Xestobium Mots.

ahutaceum Wickh. 13b–363 Flor. Mioc.

Ernobius Thoms.

effetus Wickh. 14a–450 Flor. Mioc.

Oligomerus Redt.

breviusculus Wickh. 16–8 Flor. Mioc.
duratus Wickh. 14a–451 Flor. Mioc.
florissantensis Wickh. 14a–451 Flor. Mioc.

Sitodrepa Thoms.

defuncta Scudd. 76–82 G. R. Eoc.

Gastrallanobium Wickh. 14–261

subconfusum Wickh. 14–261 Flor. Mioc.

Anobium Fab.

deceptum Scudd. 78a–763 G. R. Eoc.
durescens Scudd. 93 pl. 1, 00–103 Flor. Mioc.
lignitum Scudd. 78a–763 G. R. Eoc.
ovale Scudd. 78a–762 G. R. Eoc.

Vrilletta Lec.

monstrosa Wickh. 17–468 Flor. Mioc.
tenuistriata Wickh. 13–16 Flor. Mioc.

BOSTRICHIDÆ

Xylobiops Csy.

lacustre Wickh. 12a–21 Flor. Mioc.

Amphicerus Lec.

sublævis Wickh. 14a–452 Flor. Mioc.

Protapate Wickh. 12a–20

contorta Wickh. 12a–20 Flor. Mioc.

Dinoderus Steph.

cuneicollis Wickh. 13–16 Flor. Mioc.

SCARABÆIDÆ

Chœridium Serv.

ebeninum Horn 76–244 P. K. Pleist.

Phanæus MacL.

antiquus Horn 76–245 P. K. Pleist.

Ægialia Latr.

rupta Scudd. 90–489 G. R. Eoc.

Aphodius Ill.

aboriginalis Wickh. 12a–22 Flor. Mioc.
florissantensis Wickh. 11–59 Flor. Mioc.
granarioides Wickh. 13a–293 Flor. Mioc.
inundatus Wickh. 14–262 Flor. Mioc.
laminicola Wickh. 10–49 Flor. Mioc.
mediævus Wickh. 14a–455 Flor. Mioc.
præemptor Wickh. 13–17 Flor. Mioc.
precursor Horn 76–245 P. K. Pleist.
senex Wickh. 14a–456 Flor. Mioc.
shoshonis Wickh. 12a–23 Flor. Mioc.

Oxyomus Cast.

nearcticus Wickh. 14a–453 Flor. Mioc.

Atænius Harold

patescens Scudd. 93 pl. 1, 00–104 Flor. Mioc.
restructus (Wickh.) 12a–22 Flor. Mioc.

Amphicoma Latr.

defuncta Wickh. 10–49 Flor. Mioc.

Trox Fab.

antiquus Wickh. 09–129 Flor. Mioc.
onstaleti Scudd. 79–179B B. C. Mioc.

Serica MacL.

antediluviana Wickh. 12a–23 Flor. Mioc.
cockerelli Wickh. 14–262 Flor. Mioc.

Diplotaxis Kby.

aurora Wickh. 13a–294 Flor. Mioc.
simplicipes Wickh. 12a–25 Flor. Mioc.

Phyllophaga Harris

extincta (Wickh.) 16–9 Flor. Mioc.

Listrochelus Blanch.

puerilis Wickh. 14a–459 Flor. Mioc.

Miolachnosterna Wickh. 14a–458

tristoides Wickh. 14a–458 Flor. Mioc.

Macrodactylus Latr.

pluto Wickh. 12a–24 Flor. Mioc.
propheticus Wickh. 12a–25 Flor. Mioc.

Hoplia Ill.

striatipennis Wickh. 14a–457 Flor. Mioc.

Anomala Sam.

exterranea Wickh. 14a–459 Flor. Mioc.
scudderi Wickh. 14a–460 Flor. Mioc.

Ligyrus Burm.

compositus Wickh. 11–59 Flor. Mioc.
effetus Wickh. 14a–461 Flor. Mioc.

Strategus Hope

cessatus Wickh. 14a–461 Flor. Mioc.

LUCANIDÆ

Lucanus Scop.

fossilis Wickh. 13a–293 Flor. Mioc.

Ceruchus MacL.

fuchsii Wickh. 11–58 Flor. Mioc.

CERAMBYCIDÆ

Palæosmodicum Wickh. 14–264

hamiltoni Wickh. 14–264 Flor. Mioc.

Spondylis Fab.

florissantensis Wickh. n.m.
syn. tertiarius Wickh. 17–469 Flor. Mioc.

Dryobius Lec.

miocenicus Beutenm. & Ckll. 08–68 Flor. Mioc.

Elaphidion Serv.

extinctum Wickh. 14a–463 Flor. Mioc.
fracticorne Wickh. 11–60 Flor. Mioc.

Gaurotes Lec.

striatopunctatus Wickh. 14a–465 Flor. Mioc.

Leptura L.

antecurrens Wickh. 13a–295 Flor. Mioc.
ingenua Wickh. 14a–467 Flor. Mioc.
leidyi Wickh. 13b–364 Flor. Mioc.
nanella Wickh. 14a–466 Flor. Mioc.
petrorum Wickh. 12a–26 Flor. Mioc.
ponderosissima Wickh. 13a–295 Flor. Mioc.

Callimoxys Kr.

primordialis Wickh. 11–61 Flor. Mioc.

Hylotrupes Serv.

puncticollis Wickh. 14–264 Flor. Mioc.

Callidium Fab.

grandævum Wickh. 17–469 Flor. Mioc.

Callidiopsites Wickh. 13b–363

grandiceps Wickh. 13b–364 Flor. Mioc.

Phymatodes Muls.

miocenicus Wickh. 14a–462 Flor. Mioc.
volans Beutenm. & Ckll. 08–68 Flor. Mioc.

Clytus Laich

florissantensis Wickh. 14a–464 Flor. Mioc.

Stenosphenus Hald.

pristinus Wickh. 14a–463 Flor. Mioc.

Protipochus Wickh. 14a–467

vandykei Wickh. 14a–468 Flor. Mioc.

Acanthoderes Serv.

lengii Wickh. 14–265 Flor. Mioc.

Leptostylus Lec.

scudderi Wickh. 14a–469 Flor. Mioc.

Parolamia Scudd. 78–529

rudis Scudd. 78–530 Flor. Mioc.

Protoncideres Wickh. 13–18

primus Wickh. 13–18 Flor. Mioc.

Saperda Fab.

florissantensis Wickh. 16–10 Flor. Mioc.
lesquereuxi Ckll. 16–105 Flor. Mioc.
submersa Ckll. 08b–75 Flor. Mioc.

CHRYSOMELIDÆ

Donacia Fab.

elongatula Scudd. 98–745: 00–108 Mass. Pleist.
pompatica Scudd. 90–486 Scar. Pleist.
primæva Wickh. 12a–26 Flor. Mioc.
stiria Scudd. 90–486 Scar. Pleist.
stirioides Wickh. 17a–145 Ill. Pleist.

Lema Fab.

evanescens Wickh. 10–50 Flor. Mioc.
fortior Wickh. 14a–470 Flor. Mioc.
lesquereuxi Wickh. 14–266 Flor. Mioc.

Crioceridea Wickh. 12a–27

dubia Wickh. 12a–27 Flor. Mioc.

Saxinis Lac.

regularis Scudd. 98–745: 00–108 Mass. Pleist.

Cryptocephalus Geoffr.

miocenus Wickh. 13–18 Flor. Mioc.
vetustus Scudd. 78a–764 G. R. Eoc.

Cryptocephalites Scudd. 92–33

punctatus Scudd. 92–33 B. C. Mioc.

Colaspis Fab.

ætatis Wickh. 11–61 Flor. Mioc.
diluvialis Wickh. 14a–471 Flor. Mioc.
luti Scudd. 93–pl. 1, 00–109 Flor. Mioc.
proserpina Wickh. 14a–472 Flor. Mioc.

Metachroma Lec.

florissantensis Wickh. 12a–28 Flor. Mioc.

Chrysomela L.

vesperalis Scudd. 93–pl. 2, 00–110 Flor. Mioc.

Chrysomelites Heer 65–89

alaskanus Heer 69–39 Alask. Olig.
fabricii Heer 68–129 Greenl. Eoc.
lindhageni Heer 70–76 Greenl. Eoc.

Trirhabda Lec.

majuscula Wickh. 14a–475 Flor. Mioc.
megacephala Wickh. 14a–475 Flor. Mioc.
sepulta Wickh. 14a–474 Flor. Mioc.

Galerucella Cr.

picea Scudd. 79–182B B. C. Mioc.

Diabrotica Chev.

bowditchiana Wickh. 14a–473 Flor. Mioc.
exesa Wickh. 11–62 Flor. Mioc.
florissantella Wickh. 14a–474 Flor. Mioc.
uteana Wickh. 14a–473 Flor. Mioc.

Luperodes Mots.

submonilis Wickh. 14–266 Flor. Mioc.

Oryctoscirtetes Scudd. 76–82

protogæum Scudd. 76–83 Flor. Mioc.

Plectrotetrophanes Wickh. 14a–477

hageni Wickh. 14a–477 Flor. Mioc.

Haltica Geoff.

renovata Wickh. 14a–476 Flor. Mioc.

Prochætocnema Wickh. 14a–478

florissantella Wickh. 14a–478 Flor. Mioc.

Systena Clark

florissantensis Wickh. 13a–296 Flor. Mioc.

Chalepus Thunb.

americanus (Wickh.) 14a–479 Flor. Mioc.

MYLABRIDÆ

Mylabris Müll.

aboriginalis (Wickh.) 14a–482 Flor. Mioc.
anilis (Scudd.) 76–82 White R. Eoc.
antæus (Wickh.) 17–470 Flor. Mioc.
bowditchi (Wickh.) 12a–30 Flor. Mioc.
carpophiloides (Wickh.) 14a–482 Flor. Mioc.
dormescens (Wickh.) 13a–297 Flor. Mioc.
exhumatus (Wickh.) 12a–29 Flor. Mioc.
florissantensis (Wickh.) 12a–30 Flor. Mioc.
haywardi (Wickh.) 12a–31 Flor. Mioc.
henshawi (Wickh.) 12a–28 Flor. Mioc.
osborni (Wickh.) 12a–32 Flor. Mioc.
primoticus (Wickh.) 14a–480 Flor. Mioc.
scudderi (Wickh.) 12a–31 Flor. Mioc.
submersus (Wickh.) 14a–481 Flor. Mioc.
succintus (Wickh.) 13–19 Flor. Mioc.
wilsoni (Wickh.) 13–19 Flor. Mioc.

Spermophagus Schön.

vivificatus Scudd. 76–82 Flor. Mioc.
pluto Wickh. 14a–480 Flor. Mioc.

PLATYSTOMIDÆ

Ormiscus Waterh.

partitus Scudd. 90–467 G. R. Eoc.

Saperdirhynchus Scudd. 93–160

priscotitillator Scudd. 93–161 Flor. Mioc.

Tropideres Schön.

remotus Scudd. 93–162 G. R. Eoc.
vastatus Scudd. 93–162 Flor. Mioc.

Stiraderes Scudd. 93–163

conradi Scudd. 93–163 Flor. Mioc.

Anthribus Geoffr.

sordidus Scudd. 93–165 Flor. Mioc.

Euparius Schön.

adumbratus (Wickh.) 11–69 Flor. Mioc.
arcessitus (Scudd.) 93–165 Flor. Mioc.
elusus (Scudd.) 78a–768 G. R. Eoc.
repertus (Scudd.) 78a–768 G. R. Eoc.

Brachytarsus Schön.

dubius Wickh. 13–27 Flor. Mioc.
pristinus Scudd. 76–87 G. R. Eoc.

Choragus Kby.

fictilis Scudd. 90–465 G. R. Eoc.

CURCULIONIDÆ

Masteutes Scudd. 93–12

rupis Scudd. 93–12 Flor. Mioc.
saxifer Scudd. 93–13 Flor. Mioc.

Auletes Schön.

florissantensis Wickh. 13–22 Flor. Mioc.
wymani Scudd. 93–13 Flor. Mioc.

Eugnamptus Schön.

decemsatus Scudd. 78a–764 G. R. Eoc.
grandævus Scudd. 76–83 G. R. Eoc.

Eugnamptidea Wickh. 12–42

robusta Wickh. 16–12 Flor. Mioc.
tertiaria Wickh. 12–42 Flor. Mioc.

Rhynchites Hbst.

laminarum Wickh. 16–11 Flor. Mioc.
subterraneus Scudd. 93–15 Flor. Mioc.
vulcan Wickh. 16–10 Flor. Mioc.

Paltorhynchus Scudd. 93–18

bisulcatus Scudd. 93–19 Roan Mt. Eoc.
narwhal Scudd. 93–18 Flor. Mioc.
rectirostris Scudd. 93–19 Flor. Mioc.

Isothea Scudd. 93–20

alleni Scudd. 93–20 Flor. Mioc.

Trypanorhynchus Scudd. 93–21

corruptivus Scudd. 93–22 Flor. Mioc.
depratus Scudd. 93–22 Flor. Mioc.

exilis Wickh. 13–23 Flor. Mioc.
minutissimus Wickh. 13–22 Flor. Mioc.
obliquus Wickh. 13–23 Flor. Mioc.
sedatus Scudd. 93–22 Flor. Mioc.

Docirhynchus Scudd. 93–24

culex Scudd. 93–25 Flor. Mioc.
ibis Wickh. 12a–34 Flor. Mioc.
terebrans Scudd. 93–24 Flor. Mioc.

Teretrum Scudd. 93–25

primulum Scudd. 93–26 Flor. Mioc.
quiescitum Scudd. 93–26 G. R. Eoc.

Toxorhynchus Scudd. 93–26

grandis Wickh. 11–63 Flor. Mioc.
minusculus Scudd. 93–27 Flor. Mioc.
oculatus Scudd. 93–27 Flor. Mioc.

Steganus Scudd. 93–28

barrandei Scudd. 93–28 Roan Mt. Eoc.

Apion Hbst.

cockerelli Wickh. 11–65 Flor. Mioc.
confectum Scudd. 93–82 Flor. Mioc.
curiosum Scudd. 93–83 Flor. Mioc.
evestigatum Scudd. 93–84 Roan Mt. Eoc.
exanimale Scudd. 93–84 Flor. Mioc.
florissantensis Wickh. 16–12 Flor. Mioc.
pumilum Scudd. 93–82 Flor. Mioc.
refrenatum Scudd. 93–85 Flor. Mioc.
scudderianum Wickh. 16–13 Flor. Mioc.
smithii Scudd. 93–81 Flor. Mioc.

Phyxelis Schön.

dilapsus Scudd. 93–41 G. R. Eoc.
eradicatus Scudd. 93–43 Roan Mt. Eoc.
evigoratus Scudd. 93–42 White R. Eoc.
excissus Scudd. 93–42 Roan Mt. Eoc.

Ophryastes Schön.

championi Wickh. 12–44 Flor. Mioc.
compactus Scudd. 78a–765 G. R. Eoc.
grandis Scudd. 93–37 Roan Mt. Eoc.
petrarum Scudd. 93–37 Roan Mt. Eoc.

Ophryastites Scudd. 93–38

absconsus Scudd. 93–39 Flor. Mioc.
cinereus Scudd. 93–39 Flor. Mioc.
digressus Scudd. 93–39 White R. Eoc.
dispertitus Scudd. 93–40 Roan Mt. Eoc.
hendersoni Ckll. 16–105 Colo. Eoc.
miocenus Wickh. 12–44 Flor. Mioc.

Eudiagogus Schön.

terrosus Scudd. 78a–766 G. R. Eoc.

Eudomus Scudd. 93–62

pinguis Scudd. 93–63 Flor. Mioc.
robustus Scudd. 93–62 Flor. Mioc.

Eucryptus Scudd. 93–63

sectus Scudd. 93–64 Flor. Mioc.

Tanymecus Germ.

seculorum Scudd. 90–475 G. R. Eoc.

Pandeleteius Schön.

nudus (Wickh.) 17–470 Flor. Mioc.

Cyphus Germ.

florissantensis Wickh. 14a–493 Flor. Mioc.
subterraneus Wickh. 11–64 Flor. Mioc.

Lachnopus Schön.

humatus Scudd. 93–53 Flor. Mioc.
recuperatus Scudd. 93–52 Flor. Mioc.

Evopes Scudd. 93–53

occubatus Scudd. 93–55 Flor. Mioc.
veneratus Scudd. 93–54 Flor. Mioc.

Scythropus Schön.

abacus Scudd. 93–60 White R. Eoc.
somniculosus Scudd. 93–60 Roan Mt. Eoc.
subterraneus Scudd. 93–59 G. R. Eoc.

Hormorus Horn.

saxorum Scudd. 93–33 Flor. Mioc.

Epicærus Schön.

effossus Scudd. 76–85 G. R. Eoc.
exanimus Scudd. 76–85 G. R. Eoc.
saxatilis Scudd. 76–84 G. R. Eoc.

Omileus Horn

evanidus Scudd. 93–55 Flor. Mioc.

Artipus Sahlb.

receptus Scudd. 93–51 White R. Eoc.

Barypeithes Jacq.-Duv.

obdurefactus (Scudd.) 93–40 Roan Mt. Eoc.

Trigonoscuta Mots.

inventa Scudd. 93–34 Flor. Mioc.

Tenillus Scudd. 93–35

firmus Scudd. 93–35 Flor. Mioc.

Brachyrhinus Latr.

flaccus (Scudd.) 93–45 Roan Mt. Eoc.
perditus (Scudd.) 76–84 G. R. Eoc.
subteractus (Scudd.) 93–45 Roan Mt. Eoc.
tumbæ (Scudd.) 90–477 G. R. Eoc.
syn. dubius (Scudd.) 78a–766

Otiorhynchites Fritsch 82–5

absentivus Scudd. 93–46 Flor. Mioc.
commutatus Scudd. 93–48 Roan Mt. Eoc.
florissantensis Wickh. 11–64 Flor. Mioc.
fossilis Scudd. 93–47 Wyo. Eoc.
tysoni Scudd. 93–47 Roan Mt. Eoc.

Entimus Germ.

primordialis Scudd. 76–84 White R. Eoc.

Syntomostylus Scudd. 93–50

rudis Scudd. 93–50 Roan Mt. Eoc.
fortis Ckll. 09–447 G. R. Eoc.

Phyllobius Germ.

antecessor Scudd. 93–57 Roan Mt. Eoc.
avus Scudd. 93–58 White R. Eoc.
carcerarius Scudd. 93–57 White R. Eoc.

Sitona Germ.

exitiorum Scudd. 93–67 Flor. Mioc.
fodinarum Scudd. 93–67 G. R. Eoc.
paginarum Scudd. 93–68 Roan Mt. Eoc.

Centron Scudd. 93–69

moricollis Scudd. 93–70 Flor. Mioc.

Limalophus Scudd. 93–71

compositus Scudd. 93–71 G. R. Eoc.
contractus Scudd. 93–72 G. R. Eoc.

Coniatus Germ.

differens Wickh. 12–46 Flor. Mioc.
cvisceratus Scudd. 93–78 Flor. Mioc.
refractus Scudd. 93–79 White R. Eoc.

Geralophus Scudd. 93–72

antiquarius Scudd. 93–74 Flor. Mioc.
discessus Scudd. 93–77 Flor. Mioc.
fossicius Scudd. 93–75 Flor. Mioc.
lassatus Scudd. 93–76 Flor. Mioc.
occultus (Scudd.) 76–87 Flor. Mioc.
pumiceus Scudd. 93–77 Flor. Mioc.
repositus Scudd. 93–76 Flor. Mioc.
retritus Scudd. 93–77 Flor. Mioc.
saxuosus Scudd. 93–75 Flor. Mioc.
scudderi Wickh. 11–65 Flor. Mioc.

Lepyrus Germ.

evictus Scudd. 93–88 G. R. Eoc.

Listronotus Jek.

muratus Scudd. 90–474 G. R. Eoc.

Pachylobius Lec.

compressus Scudd. 93–90 Roan Mt. Eoc.
deleticius Scudd. 93–90 White R. Eoc.
deprædatus Scudd. 93–91 Roan Mt. Eoc.

Hylobius Germ.

lacoei Scudd. 93–92 Flor. Mioc.
packardi Scudd. 93–92 G. R. Eoc.
provectus Scudd. 76–86 G. R. Eoc.

Hylobiites Scudd. 92–30

cretaceus Scudd. 92–30 Man. Cret.

Laccopygus Scudd. 93–93

nilesii Scudd. 93–94 Flor. Mioc.

Dorytomus Germ.

coercitus Scudd. 93–99 Flor. Mioc.
williamsi Scudd. 93–99 Flor. Mioc.

Grypidius Schön.

curvirostris Scudd. 93–100 Flor. Mioc.

Notaris Germ.

brevicollis (Scudd.) 93–101 Flor. Mioc.
consumptus (Scudd.) 00a–87 Tor. Pleist.

Procas Steph.

verberatus Scudd. 93–103 Flor. Mioc.
vinculatus Scudd. 93–102 Roan Mt. Eoc.

Numitor Scudd. 93–103

claviger Scudd. 93–104 Flor. Mioc.

Smicrorhynchus Scudd. 93–104

macgeei Scudd. 93–105 Flor. Mioc.

Erirhinus Schön.

dormitus Scudd. 93–105 Flor. Mioc.

Tychius Germ.

evolatus Scudd. 93–120 Flor. Mioc.
ferox Wickh. 17–471 Flor. Mioc.
secretus Scudd. 93–120 Flor. Mioc.
whitneyi (Scudd.) 93–121 Flor. Mioc.

Magdalis Germ.

sedimentorum Scudd. 93–107 Flor. Mioc.
striaticeps Wickh. 11–66 Flor. Mioc.

Balaninus Germ.

anicularis Scudd. 93–142 Flor. Mioc.
beeklyi Ckll. 18–307 Colo. Eoc.
duttoni Scudd. 93–144 Flor. Mioc.
extinctus (Wickh.) 12–53 Flor. Mioc.
femoratus Scudd. 93–143 Flor. Mioc.
flexirostris Scudd. 93–144 Flor. Mioc.
florissantensis Wickh. 13–26 Flor. Mioc.
minusculus Scudd. 93–143 Flor. Mioc.
minusculoides Wickh. 11–67 Flor. Mioc.
restrictus Scudd. 93–142 Flor. Mioc.

Macrorhoptus Lec.

jututus Scudd. 93–118 Flor. Mioc.

Anthonomus Germ.

arctus Scudd. 93–113 Flor. Mioc.
concussus Scudd. 93–113 Flor. Mioc.
corruptus Scudd. 93–114 Flor. Mioc.
debilatus Scudd. 93–112 Flor. Mioc.
defossus Scudd. 76–86 Flor. Mioc.
eversus Scudd. 00a–88 Tor. Pleist.
evigilatus Scudd. 93–112 Flor. Mioc.
fossilis Scudd. 00a–88 Tor. Pleist.
lapsus Scudd. 00a–89 Tor. Pleist.
primordius Scudd. 93–112 Flor. Mioc.
principalis (Scudd.) 93–109 Flor. Mioc.
requiescens (Scudd.) 93–109 Flor. Mioc.
reventus Scudd. 93–114 Flor. Mioc.
revictus Scudd. 93–117 Flor. Mioc.
rohweri Wickh. 12–48 Flor. Mioc.
soporus Scudd. 90–472 G. R. Eoc.

Cremastorhynchus Scudd. 93–110

stabilis Scudd. 93–110 Flor. Mioc.

Orchestes Ill.

avus Scudd. 00a–89 Tor. Pleist.
languidulus Scudd. 93–117 Flor. Mioc.

Acalyptus Schön.

obtusus Scudd. 93–108 Flor. Mioc.

Prionomerus Schön.

irvingii Scudd. 93–119 Flor. Mioc.

Gymnetron Schön.

antecurrens Scudd. 93–122 Flor. Mioc.
lecontei Scudd. 78a–767 G. R. Eoc.

Cleonus Schön.

degeneratus Scudd. 93–98 Flor. Mioc.
estriatus Wickh. 12–47 Flor. Mioc.
exterraneus Scudd. 93–96 Flor. Mioc.
foersteri Scudd. 93–97 Flor. Mioc.
primoris Scudd. 93–97 Flor. Mioc.
rohweri Wickh. 11–66 Flor. Mioc.

Eocleonus Scudd. 93–95

subjectus Scudd. 93–95 Flor. Mioc.

Baris Germ.

antediluviana Wickh. 16–14 Flor. Mioc.
cremastorhynchoides Wickh. 13–25 Flor. Mioc.
divisa Scudd. 93–134 Flor. Mioc.
florissantensis Wickh. 13–24 Flor. Mioc.
harlani Scudd. 93–134 Flor. Mioc.
hoveyi Wickh. 12–52 Flor. Mioc.
imperfecta Scudd. 93–135 Flor. Mioc.
matura Scudd. 93–135 Flor. Mioc.
nearctica Wickh. 16–15 Flor. Mioc.

primalis Wickh. 17–471 Flor. Mioc.
renovata Wickh. 16–15 Flor. Mioc.
schucherti Wickh. 12–52 Flor. Mioc.

Aulobaris Lec.

anicilla Scudd. 93–137 Roan Mt. Eoc.
circumscripta Scudd. 93–137 Roan Mt. Eoc.
comminuta Scudd. 93–138 White R. Eoc.
damnata Scudd. 93–136 Flor. Mioc.

Miogeræus Wickh. 16–16

recurrens Wickh. 16–16 Flor. Mioc.

Centrinus Schön.

disruptus Scudd. 93–139 G. R. Eoc.
disjunctus Scudd. 00a–89 Tor. Pleist.
hypogæus Wickh. 16–17 Flor. Mioc.
obnuptus Scudd. 93–138 Flor. Mioc.
vulcanicus (Wickh.) 12–48 Flor. Mioc.

Pachybaris Lec.

rudis Wickh. 12a–35 Flor. Mioc.

Catobaris Scudd. 93–140

cœnosa Scudd. 93–140 Flor. Mioc.

Cœliodes Schön.

primotinus Scudd. 93–129 Flor. Mioc.

Ceutorhynchus Germ.

blaisdelli Wickh. 16–13 Flor. Mioc.
clausus Scudd. 93–131 Flor. Mioc.
compactus Scudd. 93–132 Flor. Mioc.
degravatus Scudd. 93–132 Roan Mt. Eoc.
duratus Scudd. 93–131 Flor. Mioc.
evinctus Scudd. 93–130 Flor. Mioc.

Conotrachelus Schön.

florissantensis Wickh. 12–49 Flor. Mioc.

Ryssematus Schön.

tabescens (Scudd.) 93–123 Roan Mt. Eoc.

Rhysosternum Scudd. 93–124

æternabile Scudd. 93–125 Flor. Mioc.
longirostre Scudd. 93–125 Flor. Mioc.

Acalles Schön.

exhumatus Wickh. 13–24 Flor. Mioc.

Cryptorhynchus Ill.

annosus Scudd. 76–86 G. R. Eoc.
coloradensis Wickh. 12–50 Flor. Mioc.
durus Scudd. 93–126 Roan Mt. Eoc.
fallii Wickh. 12–51 Flor. Mioc.
kerri Scudd. 93–127 Flor. Mioc.
profusus Scudd. 93–127 Flor. Mioc.

Elytrulum Handl. 08–663

multipunctatum (Heer) 83–143 Greenl. Cret.

Curculiopsis Handl. 08–663

cretacea (Heer) 74a–92 Greenl. Cret.

Archiorhynchus Heer 74a–91

angusticollis Heer 74a–91 Greenl. Cret.

Spodotribus Scudd. 93–152

terrulentus Scudd. 93–152 Flor. Mioc.

Lithophthorus Scudd. 93–153

rugosicollis Scudd. 93–154 Flor. Mioc.

Cossonus Clairv.

gabbii Scudd. 93–155 Flor. Mioc.
rutus Scudd. 93–155 Roan Mt. Eoc.

Sciabregma Scudd. 93–146

rugosa Scudd. 93–147 Roan Mt. Eoc.

Scyphophorus Schön.

fossionis Scudd. 93–148 Flor. Mioc.
lævis Scudd. 93–148 Flor. Mioc.
tertiarius Wickh. 11–68 Flor. Mioc.

Oryctorhinus Scudd. 93–149

tenuirostris Scudd. 93–149 Flor. Mioc.

Calandrites Scudd. 93–150

cineratius Scudd. 93–151 Roan Mt. Eoc.
defessus Scudd. 93–150 Roan Mt. Eoc.
hindsi Ckll. 16–105 Colo. Eoc.
ursorum Ckll. 18–308 Colo. Eoc.

SCOLYTIDÆ

Polygraphus Er.

wortheni Scudd. 93–158 Roan Mt. Eoc.

Phthorophlœus Rey

zimmermanni (Wickh.) 16–19 Flor. Mioc.

Phlœosinus Chap.

squalidens Scudd. 90–468 Scar. Pleist.

Leperisinus Reitt.

extractus (Scudd.) 93–159 Flor. Mioc.
?dormiscens (Scudd.) 93 pl. 1: 00–92 G. R. Eoc.

Hylurgops Lec.

piger Wickh. 13–27 Flor. Mioc.

Hylastes Er.

americanus Wickh. 13–27 Flor. Mioc.

Pityophthoridea Wickh. 16–18

diluvialis Wickh. 16–18 . Flor. Mioc.

Adipocephalus Wickh. 16–18

hydropicus Wickh. 16–18 Flor. Mioc.

Xyleborites Wickh. 13–26

longipennis Wickh. 13–26 Flor. Mioc.

Dryocœtes Eich.

carbonarius Scudd. 78a–768 G. R. Eoc.
impressus Scudd. 76–83 G. R. Eoc.

FOSSILS IDENTIFIED WITH RECENT SPECIES

CARABIDÆ

Rembus Latr.

laticollis (Lec.) Vero Pleist. Wickh. 19–356
major (Lec.) Vero Pleist. Wickh. 19–356

Chlænius Bon.

æstivus Say. Vero Pleist. Wickh. 19–356
tricolor Dej. Vero Pleist. Wickh. 19–356

Oodes Bon.

amaroides Dej. Vero Pleist. Wickh. 19–356

GYRINIDÆ

Gyrinus L.

confinis Lec. Scar. Pleist. Scudd. 00a–80

ELATERIDÆ

Ludius Esch.

?æthiops (Hbst.) Scudd. 00–96 Mass. Pleist.

SCARABÆIDÆ

Copris Geoff.

inemarginatus Blatch. Vero Pleist. Wickh. 19–356

Strategus Hope.

antæus (Fab.) Vero Pleist. Wickh. 19–357

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There may be some difficulty where the date of publication is uncertain, as is frequently the case with some of the older papers and books, and different writers have cited them under different dates; but this can be surmounted without much delay. A large number of such citations have been corrected from the original but the books have not always been accessible. There may also be some difficulty from separates or reprints having an independent pagination, which in some cases may have been inadvertently cited; this also has been corrected as far as possible, but not entirely, as in citations from Chaudoir's paper of 1868.

An effort has been made to make the bibliography complete, which has been reasonably successful as far as papers describing species are concerned, and other papers written by some American authors; but I fear much still remains to be added of the work of foreign authors. The final revision of the galley proof by Mr. Sherman has added many items and corrections.

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